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SUBCHAPTER I—ELECTRIC UTILITY RATE DESIGN INITIATIVES

§ 6801. Congressional findings and purpose

(a) The Congress finds that improvement in electric utility rate design has great potential for reducing the cost of electric utility services to consumers and current and projected shortages of capital, and for encouraging energy conservation and better use of existing electrical generating facilities.

(b) It is the purpose of this subchapter to require the Secretary to develop proposals for improvement of electric utility rate design and transmit such proposals to Congress; to fund electric utility rate demonstration projects; to intervene or participate, upon request, in the proceedings of utility regulatory commissions; and to provide financial assistance to State offices of consumer services to facilitate presentation of consumer interests before such commissions.

(Pub. L. 94-385, title II, §201, Aug. 14, 1976, 90 Stat. 1142; Pub. L. 95-91, title III, §301(a), title VII, §§703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607.)

SHORT TITLE

Section 1 of Pub. L. 94-385 provided: "That this Act [enacting this chapter, section 6327 of this title, section 1701z-8 of Title 12, Banks and Banking, sections 787 and 790 to 790h of Title 15, Commerce and Trade, amending sections 5818, 6211, 6295, 6323, 6325, and 6326 of this title and sections 757, 764, 766, 772, 774, 777 and 784 of Title 15, and enacting provisions set out as notes under sections 6801, 6831, and 6851 of this title, and sections 753, 757, 761, and 790 of Title 15] may be cited as the 'Energy Conservation and Production Act'."

Section 301 of title III of Pub. L. 94-385 provided that: "This title [enacting subchapter II of this chapter] may be cited as the 'Energy Conservation Standards for New Buildings Act of 1976'."

Section 401 of title IV of Pub. L. 94-385 provided that: "This title [enacting subchapter III of this chapter, section 6327 of this title, and section 1701z-8 of Title 12, Banks and Banking, and amending sections 6323, 6325, and 6326 of this title] may be cited as the 'Energy Conservation in Existing Buildings Act of 1976'."

TRANSFER OF FUNCTIONS

"Secretary", meaning Secretary of Energy, substituted for "Federal Energy Administration" in subsec. (b) pursuant to sections 301(a), 703, and 707 of Pub. L. 95-91, which are classified to sections 7151(a), 7293, and 7297 of this title and which terminated Federal Energy Administration and transferred its functions (with certain exceptions) to Secretary of Energy.

§ 6802. Definitions

As used in this subchapter:

(1) The term "Secretary" means the Secretary of Energy.

(2) The term "electric utility" means any person, State agency, or Federal agency which sells electric energy.

(3) The term "Federal agency" means any agency or instrumentality of the United States.

(4) The term "State agency" means a State, political subdivision thereof, or any agency or instrumentality of either.

(5) The term "State utility regulatory commission" means (A) any utility regulatory commission which is a State agency or (B) the Tennessee Valley Authority.

(6) The term "State" means any State, the District of Columbia, Puerto Rico, and any territory or possession of the United States.

(7) The term "utility regulatory commission" means any State agency or Federal agency which has authority to fix, modify, approve, or disapprove rates for the sale of electric energy by any electric utility (other than by such agency).

(Pub. L. 94-385, title II, §202, Aug. 14, 1976, 90 Stat. 1142; Pub. L. 95-617, title I, §143, Nov. 9, 1978, 92 Stat. 3134.)

AMENDMENTS

1978—Par. (1). Pub. L. 95-617 substituted "The term 'Secretary' means the Secretary of Energy" for "The term 'Administrator' means the Administrator of the Federal Energy Administration; except that after such Administration ceases to exist, such term means any officer of the United States designated by the President for purposes of this subchapter".

§ 6803. Development of electric utility rate design proposals by Secretary; contents; submission to Congress; supporting analysis

(a) The Secretary shall develop proposals to improve electric utility rate design. Such proposals shall be designed to encourage energy conservation, minimize the need for new electrical generating capacity, and minimize costs of electric energy to consumers, and shall include (but not be limited to) proposals which provide for the development and implementation of—

- (1) load management techniques which are cost effective;

(2) rates which reflect marginal cost of service, or time of use of service, or both;

(3) ratemaking policies which discourage inefficient use of fuel and encourage economical purchases of fuel; and

(4) rates (or other regulatory policies) which encourage electric utility system reliability and reliability of major items of electric utility equipment.

(b) The proposals prepared under subsection (a) of this section shall be transmitted to each House of Congress not later than 6 months after August 14, 1976, for review and for such further action as the Congress may direct by law. Such proposals shall be accompanied by an analysis of—

(1) the projected savings (if any) in consumption of petroleum products, natural gas, electric energy, and other energy resources,

(2) the reduction (if any) in the need for new electrical generating capacity, and of the demand for capital by the electric utility industry, and

(3) changes (if any) in the cost of electric energy to consumers,

which are likely to result from the implementation nationally of each of the proposals transmitted under this subsection.

(Pub. L. 94-385, title II, §203, Aug. 14, 1976, 90 Stat. 1143; Pub. L. 95-617, title I, §143, Nov. 9, 1978, 92 Stat. 3134.)

AMENDMENTS

1978—Subsec. (a). Pub. L. 95-617 substituted “Secretary” for “Administrator”, meaning Administrator of the Federal Energy Administration.

§ 6804. Funding, administrative, and judicial authorities of Secretary

The Secretary may—

(1) fund (A) demonstration projects to improve electric utility load management procedures and (B) regulatory rate reform initiatives,

(2) on request of a State, a utility regulatory commission, or of any participant in any proceeding before a State utility regulatory commission which relates to electric utility rates or rate design, intervene and participate in such proceeding, and

(3) on request of any State, utility regulatory commission, or party to any action to obtain judicial review of an administrative proceeding in which the Secretary intervened or participated under paragraph (2), intervene and participate in such action.

(Pub. L. 94-385, title II, §204, Aug. 14, 1976, 90 Stat. 1143; Pub. L. 95-617, title I, §143, Nov. 9, 1978, 92 Stat. 3134.)

AMENDMENTS

1978—Pub. L. 95-617 substituted “Secretary” for “Administrator”, meaning Administrator of the Federal Energy Administration in two places.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6808 of this title; title 16 section 2633.

§ 6805. Grants for State consumer protection offices by Secretary

(a) Establishment, operation, and purpose; qualifications for funds

The Secretary may make grants to States, or otherwise as provided in subsection (c) of this section, under this section to provide for the establishment and operation of offices of consumer services to assist consumers in their presentations before utility regulatory commissions. Any assistance provided under this section shall be provided only for an office of consumer services which is operated independently of any such utility regulatory commission and which is empowered to—

(1) make general factual assessments of the impact of proposed rate changes and other proposed regulatory actions upon all affected consumers;

(2) assist consumers in the presentation of their positions before utility regulatory commissions; and

(3) advocate, on its own behalf, a position which it determines represents the position most advantageous to consumers, taking into account developments in rate design reform.

(b) Grants subject to State assurances on funds

Grants pursuant to subsection (a) of this section shall be made only to States which furnish such assurances as the Secretary may require that funds made available under such section will be in addition to, and not in substitution for, funds made available to offices of consumer services from other sources.

(c) Offices established by Tennessee Valley Authority

Assistance may be provided under this section to an office of consumer services established by the Tennessee Valley Authority, if such office is operated independently of the Tennessee Valley Authority.

(Pub. L. 94-385, title II, §205, Aug. 14, 1976, 90 Stat. 1144; Pub. L. 95-617, title I, §143, Nov. 9, 1978, 92 Stat. 3134.)

AMENDMENTS

1978—Subsecs. (a), (b). Pub. L. 95-617 substituted “Secretary” for “Administrator”, meaning Administrator of the Federal Energy Administration.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6808 of this title.

§ 6806. Statement in annual report

The Secretary shall include in each annual report submitted under section 7267 of this title a statement with respect to activities conducted under this subchapter and recommendations as to the need for and types of further Federal legislation.

(Pub. L. 94-385, title II, §206, Aug. 14, 1976, 90 Stat. 1144; Pub. L. 95-617, title I, §143, Nov. 9, 1978, 92 Stat. 3134; Pub. L. 96-470, title II, §203(g), Oct. 19, 1980, 94 Stat. 2243.)

AMENDMENTS

1980—Pub. L. 96-470 substituted “The Secretary shall include in each annual report submitted under section

7267 of this title a statement” for “Not later than the last day in December in each year, the Secretary shall transmit to the Congress a report”.

1978—Pub. L. 95-617 substituted “Secretary” for “Administrator”, meaning Administrator of the Federal Energy Administration.

§ 6807. State utility regulatory assistance

(a) Grants to State utility regulatory commissions and nonregulated electric utilities

The Secretary may make grants to State utility regulatory commissions and nonregulated electric utilities (as defined in the Public Utility Regulatory Policies Act of 1978 [16 U.S.C. 2602]) to carry out duties and responsibilities under titles I [16 U.S.C. 2601 et seq.] and III [15 U.S.C. 3201 et seq.], and section 210 [16 U.S.C. 824a-3], of the Public Utility Regulatory Policies Act of 1978. No grant may be made under this section to any Federal agency.

(b) Unnecessary requirements prohibited

Any requirements established by the Secretary with respect to grants under this section may be only such requirements as are necessary to assure that such grants are expended solely to carry out duties and responsibilities referred to in subsection (a) of this section or such as are otherwise required by law.

(c) Application for grant

No grant may be made under this section unless an application for such grant is submitted to the Secretary in such form and manner as the Secretary may require. The Secretary may not approve an application of a State utility regulatory commission or nonregulated electric utility unless such commission or nonregulated electric utility assures the Secretary that funds made available under this section will be in addition to, and not in substitution for, funds made available to such commission or nonregulated electric utility from other governmental sources.

(d) Apportionment of funds

The funds appropriated for purposes of this section shall be apportioned among the States in such manner that grants made under this section in each State shall not exceed the lesser of—

- (1) the amount determined by dividing equally among all States the total amount available under this section for such grants, or
- (2) the amount which the Secretary is authorized to provide pursuant to subsections (b) and (c) of this section for such State.

(Pub. L. 94-385, title II, § 207, Aug. 14, 1976, 90 Stat. 1144; Pub. L. 95-617, title I, § 141, Nov. 9, 1978, 92 Stat. 3133.)

REFERENCES IN TEXT

The Public Utility Regulatory Policies Act of 1978, referred to in subsec. (a), is Pub. L. 95-617, Nov. 9, 1978, 92 Stat. 3117, as amended. Title I of such Act is classified principally to chapter 46 (§ 2601 et seq.) of Title 16, Conservation, and title III of such Act is classified generally to chapter 59 (§ 3201 et seq.) of Title 15, Commerce and Trade. For complete classification of this Act to the Code, see Short Title note set out under section 2601 of Title 16 and Tables.

AMENDMENTS

1978—Pub. L. 95-617 substituted provisions relating to grants to State utility regulatory commissions and

nonregulated electric utilities for provisions authorizing appropriations to carry out this subchapter.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6808 of this title.

§ 6807a. Energy efficiency grants to State regulatory authorities

(a) Energy efficiency grants

The Secretary is authorized in accordance with the provisions of this section to provide grants to State regulatory authorities in an amount not to exceed \$250,000 per authority, for purposes of encouraging demand-side management including energy conservation, energy efficiency and load management techniques and for meeting the requirements of paragraphs (7), (8), and (9) of section 2621(d) of title 16 and as a means of meeting gas supply needs and to meet the requirements of paragraphs (3) and (4) of section 3203(b) of title 15. Such grants may be utilized by a State regulatory authority to provide financial assistance to nonprofit subgrantees of the Department of Energy's Weatherization Assistance Program in order to facilitate participation by such subgrantees in proceedings of such regulatory authority to examine energy conservation, energy efficiency, or other demand-side management programs.

(b) Plan

A State regulatory authority wishing to receive a grant under this section shall submit a plan to the Secretary that specifies the actions such authority proposes to take that would achieve the purposes of this section.

(c) Secretarial action

(1) In determining whether, and in what amount, to provide a grant to a State regulatory authority under this section the Secretary shall consider, in addition to other appropriate factors, the actions proposed by the State regulatory authority to achieve the purposes of this section and to consider implementation of the ratemaking standards established in—

(A) paragraphs (7), (8) and (9) of section 2621(d) of title 16; or

(B) paragraphs (3) and (4) of section 3203(b) of title 15.

(2) Such actions—

(A) shall include procedures to facilitate the participation of grantees and nonprofit subgrantees of the Department of Energy's Weatherization Assistance Program in proceedings of such regulatory authorities examining demand-side management programs; and

(B) shall provide for coverage of the cost of such grantee and subgrantees' participation in such proceedings.

(d) Recordkeeping

Each State regulatory authority that receives a grant under this section shall keep such records as the Secretary shall require.

(e) “State regulatory authority” defined

For purposes of this section, the term “State regulatory authority” shall have the same meaning as provided by section 2602 of title 16 in the case of electric utilities, and such term shall have the same meaning as provided by section

3202 of title 15 in the case of gas utilities, except that in the case of any State without a statewide ratemaking authority, such term shall mean the State energy office.

(f) Authorization

There are authorized to be appropriated \$5,000,000 for each of the fiscal years 1994, 1995 and 1996 to carry out the purposes of this section.

(Pub. L. 102-486, title I, §112, Oct. 24, 1992, 106 Stat. 2797.)

CODIFICATION

Section was enacted as part of the Energy Policy Act of 1992, and not as part of the Energy Conservation and Production Act which comprises this chapter.

§ 6808. Authorization of appropriations

There are authorized to be appropriated—

(1) not to exceed \$40,000,000 for each of the fiscal years 1979 and 1980 to carry out section 6807 of this title (relating to State utility regulatory assistance);

(2) not to exceed \$10,000,000 for each of the fiscal years 1979 and 1980 to carry out section 6805 of this title (relating to State offices of consumer services); and

(3) not to exceed \$8,000,000 for the fiscal year 1979, and \$10,000,000 for the fiscal year 1980 to carry out section 6804(1)(B) of this title (relating to innovative rate structures).

(Pub. L. 94-385, title II, §208, as added Pub. L. 95-617, title II, §142, Nov. 9, 1978, 92 Stat. 3134.)

SUBCHAPTER II—ENERGY CONSERVATION STANDARDS FOR NEW BUILDINGS

SUBCHAPTER REFERRED TO IN OTHER SECTIONS

This subchapter is referred to in section 7154 of this title.

§ 6831. Congressional findings and purpose

(a) The Congress finds that—

(1) large amounts of fuel and energy are consumed unnecessarily each year in heating, cooling, ventilating, and providing domestic hot water for newly constructed residential and commercial buildings because such buildings lack adequate energy conservation features;

(2) Federal voluntary performance standards for newly constructed buildings can prevent such waste of energy, which the Nation can no longer afford in view of its current and anticipated energy shortage;

(3) the failure to provide adequate energy conservation measures in newly constructed buildings increases long-term operating costs that may affect adversely the repayment of, and security for, loans made, insured, or guaranteed by Federal agencies or made by federally insured or regulated instrumentalities; and

(4) State and local building codes or similar controls can provide an existing means by which to assure, in coordination with other building requirements and with a minimum of Federal interference in State and local transactions, that newly constructed buildings contain adequate energy conservation features.

(b) The purposes of this subchapter, therefore, are to—

(1) redirect Federal policies and practices to assure that reasonable energy conservation features will be incorporated into new commercial and residential buildings receiving Federal financial assistance;

(2) provide for the development and implementation, as soon as practicable, of voluntary performance standards for new residential and commercial buildings which are designed to achieve the maximum practicable improvements in energy efficiency and increases in the use of nondepletable sources of energy; and

(3) encourage States and local governments to adopt and enforce such standards through their existing building codes and other construction control mechanisms, or to apply them through a special approval process.

(Pub. L. 94-385, title III, §302, Aug. 14, 1976, 90 Stat. 1144; Pub. L. 97-35, title X, §1041(a), Aug. 13, 1981, 95 Stat. 621.)

AMENDMENTS

1981—Subsecs. (a)(2), (b)(2). Pub. L. 97-35 inserted “voluntary” before “performance standards”.

EFFECTIVE DATE OF 1981 AMENDMENT

Amendment by Pub. L. 97-35 effective Aug. 13, 1981, see section 1038 of Pub. L. 97-35, set out as a note under section 6240 of this title.

SHORT TITLE

For short title of this subchapter as the “Energy Conservation Standards for New Buildings Act of 1976”, see section 301 of Pub. L. 94-385, set out as a note under section 6801 of this title.

CROSS REFERENCES

Energy conservation in Federal buildings, see section 8251 et seq. of this title.

Residential energy conservation, see section 8211 et seq. of this title.

§ 6832. Definitions

As used in this subchapter:

(1) Omitted

(2) The term “building” means any structure to be constructed which includes provision for a heating or cooling system, or both, or for a hot water system.

(3) The term “building code” means a legal instrument which is in effect in a State or unit of general purpose local government, the provisions of which must be adhered to if a building is to be considered to be in conformance with law and suitable for occupancy and use.

(4) The term “commercial building” means any building other than a residential building, including any building developed for industrial or public purposes.

(5) The term “Federal agency” means any department, agency, corporation, or other entity or instrumentality of the executive branch of the Federal Government, including the United States Postal Service, the Federal National Mortgage Association, and the Federal Home Loan Mortgage Corporation.

(6) The term “Federal building” means any building to be constructed by, or for the use

of, any Federal agency which is not legally subject to State or local building codes or similar requirements.

(7) The term “Federal financial assistance” means (A) any form of loan, grant, guarantee, insurance, payment, rebate, subsidy, or any other form of direct or indirect Federal assistance (other than general or special revenue sharing or formula grants made to States) approved by any Federal officer or agency; or (B) any loan made or purchased by any bank, savings and loan association, or similar institution subject to regulation by the Board of Governors of the Federal Reserve System, the Federal Deposit Insurance Corporation, the Comptroller of the Currency, the Federal Home Loan Bank Board, the Federal Savings and Loan Insurance Corporation, or the National Credit Union Administration.

(8) The term “National Institute of Building Sciences” means the institute established by section 1701j-2 of title 12.

(9) The term “residential building” means any structure which is constructed and developed for residential occupancy.

(10) The term “Secretary” means the Secretary of Energy.

(11) The term “State” includes each of the several States, the District of Columbia, the Commonwealth of Puerto Rico, and any territory and possession of the United States.

(12) The term “unit of general purpose local government” means any city, county, town, municipality, or other political subdivision of a State (or any combination thereof), which has a building code or similar authority over a particular geographic area.

(13) The term “Federal building energy standards” means energy consumption objectives to be met without specification of the methods, materials, or equipment to be employed in achieving those objectives, but including statements of the requirements, criteria, and evaluation methods to be used, and any necessary commentary.

(14) The term “voluntary building energy code” means a building energy code developed and updated through a consensus process among interested persons, such as that used by the Council of American Building Officials; the American Society of Heating, Refrigerating, and Air-Conditioning Engineers; or other appropriate organizations.

(15) The term “CABO” means the Council of American Building Officials.

(16) The term “ASHRAE” means the American Society of Heating, Refrigerating, and Air-Conditioning Engineers.

(Pub. L. 94-385, title III, §303, Aug. 14, 1976, 90 Stat. 1145; Pub. L. 95-91, title III, §301(a), title VII, §§703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607; Pub. L. 97-35, title X, §1041(a), Aug. 13, 1981, 95 Stat. 621; Pub. L. 100-242, title V, §570(c), Feb. 5, 1988, 101 Stat. 1950; Pub. L. 102-486, title I, §101(a)(1), Oct. 24, 1992, 106 Stat. 2782.)

CODIFICATION

Par. (1) of this section which read “The term ‘Administrator’ means the Administrator of the Federal Energy Administration; except that after such Administration ceases to exist, such term means any officer of

the United States designated by the President for purposes of this subchapter” has been omitted in view of the termination of the Federal Energy Administration and the transfer of its functions and the functions of the Administrator thereof (with certain exceptions) to the Secretary of Energy pursuant to sections 301(a), 703, and 707 of Pub. L. 95-91, which are classified to sections 7151(a), 7293, and 7297 of this title and the fact that the term “Secretary” is defined for the purposes of this subchapter by par. (10) of this section. In this subchapter, “Secretary of Energy” has been substituted for “Administrator” wherever appearing.

AMENDMENTS

1992—Pars. (9) to (16). Pub. L. 102-486 redesignated pars. (10) to (13) as (9) to (12), respectively, added pars. (13) to (16), and struck out former par. (9) which read as follows: “The term ‘voluntary performance standards’ means an energy consumption goal or goals to be met without specification of the methods, materials, and processes to be employed in achieving that goal or goals, but including statements of the requirements, criteria and evaluation methods to be used, and any necessary commentary.”

1988—Par. (11). Pub. L. 100-242 substituted “Secretary of Energy” for “Secretary of Housing and Urban Development”.

1981—Par. (9). Pub. L. 97-35 inserted “voluntary” before “performance standards”.

EFFECTIVE DATE OF 1981 AMENDMENT

Amendment by Pub. L. 97-35 effective Aug. 13, 1981, see section 1038 of Pub. L. 97-35, set out as a note under section 6240 of this title.

TRANSFER OF FUNCTIONS

Federal Savings and Loan Insurance Corporation and Federal Home Loan Bank Board abolished and functions transferred, see sections 401 to 406 of Pub. L. 101-73, set out as a note under section 1437 of Title 12, Banks and Banking.

§ 6833. Updating State building energy efficiency codes

(a) Consideration and determination respecting residential building energy codes

(1) Not later than 2 years after October 24, 1992, each State shall certify to the Secretary that it has reviewed the provisions of its residential building code regarding energy efficiency and made a determination as to whether it is appropriate for such State to revise such residential building code provisions to meet or exceed CABO Model Energy Code, 1992.

(2) The determination referred to in paragraph (1) shall be—

- (A) made after public notice and hearing;
- (B) in writing;
- (C) based upon findings included in such determination and upon the evidence presented at the hearing; and
- (D) available to the public.

(3) Each State may, to the extent consistent with otherwise applicable State law, revise the provisions of its residential building code regarding energy efficiency to meet or exceed CABO Model Energy Code, 1992, or may decline to make such revisions.

(4) If a State makes a determination under paragraph (1) that it is not appropriate for such State to revise its residential building code, such State shall submit to the Secretary, in writing, the reasons for such determination, and such statement shall be available to the public.

(5)(A) Whenever CABO Model Energy Code, 1992,¹ (or any successor of such code) is revised, the Secretary shall, not later than 12 months after such revision, determine whether such revision would improve energy efficiency in residential buildings. The Secretary shall publish notice of such determination in the Federal Register.

(B) If the Secretary makes an affirmative determination under subparagraph (A), each State shall, not later than 2 years after the date of the publication of such determination, certify that it has reviewed the provisions of its residential building code regarding energy efficiency and made a determination as to whether it is appropriate for such State to revise such residential building code provisions to meet or exceed the revised code for which the Secretary made such determination.

(C) Paragraphs (2), (3), and (4) shall apply to any determination made under subparagraph (B).

(b) Certification of commercial building energy code updates

(1) Not later than 2 years after October 24, 1992, each State shall certify to the Secretary that it has reviewed and updated the provisions of its commercial building code regarding energy efficiency. Such certification shall include a demonstration that such State's code provisions meet or exceed the requirements of ASHRAE Standard 90.1-1989.

(2)(A) Whenever the provisions of ASHRAE Standard 90.1-1989 (or any successor standard) regarding energy efficiency in commercial buildings are revised, the Secretary shall, not later than 12 months after the date of such revision, determine whether such revision will improve energy efficiency in commercial buildings. The Secretary shall publish a notice of such determination in the Federal Register.

(B)(i) If the Secretary makes an affirmative determination under subparagraph (A), each State shall, not later than 2 years after the date of the publication of such determination, certify that it has reviewed and updated the provisions of its commercial building code regarding energy efficiency in accordance with the revised standard for which such determination was made. Such certification shall include a demonstration that the provisions of such State's commercial building code regarding energy efficiency meet or exceed such revised standard.

(ii) If the Secretary makes a determination under subparagraph (A) that such revised standard will not improve energy efficiency in commercial buildings, State commercial building code provisions regarding energy efficiency shall meet or exceed ASHRAE Standard 90.1-1989, or if such standard has been revised, the last revised standard for which the Secretary has made an affirmative determination under subparagraph (A).

(c) Extensions

The Secretary shall permit extensions of the deadlines for the certification requirements under subsections (a) and (b) of this section if a State can demonstrate that it has made a good

faith effort to comply with such requirements and that it has made significant progress in doing so.

(d) Technical assistance

The Secretary shall provide technical assistance to States to implement the requirements of this section, and to improve and implement State residential and commercial building energy efficiency codes or to otherwise promote the design and construction of energy efficient buildings.

(e) Availability of incentive funding

(1) The Secretary shall provide incentive funding to States to implement the requirements of this section, and to improve and implement State residential and commercial building energy efficiency codes. In determining whether, and in what amount, to provide incentive funding under this subsection, the Secretary shall consider the actions proposed by the State to implement the requirements of this section, to improve and implement residential and commercial building energy efficiency codes, and to promote building energy efficiency through the use of such codes.

(2) There are authorized to be appropriated such sums as may be necessary to carry out this subsection.

(Pub. L. 94-385, title III, §304, as added Pub. L. 102-486, title I, §101(a)(2), Oct. 24, 1992, 106 Stat. 2783.)

PRIOR PROVISIONS

A prior section 6833, Pub. L. 94-385, title III, §304, Aug. 14, 1976, 90 Stat. 1146; Pub. L. 95-91, title III, §§301(a), 304(a), title VII, §§703, 707, 709(e)(1), Aug. 4, 1977, 91 Stat. 577, 580, 606, 608; Pub. L. 96-399, title III, §326(a)-(c), Oct. 8, 1980, 94 Stat. 1649; Pub. L. 97-35, title X, §1041(a), (c), Aug. 13, 1981, 95 Stat. 621; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433, related to development and promulgation of energy conservation voluntary performance standards for new commercial and residential buildings, prior to repeal by Pub. L. 102-486, title I, §101(a)(2), Oct. 24, 1992, 106 Stat. 2783.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 7154, 8235 of this title.

§ 6834. Federal building energy efficiency standards

(a) In general

(1) Not later than 2 years after October 24, 1992, the Secretary, after consulting with appropriate Federal agencies, CABO, ASHRAE, the National Association of Home Builders, the Illuminating Engineering Society, the American Institute of Architects, the National Conference of the States on Building Codes and Standards, and other appropriate persons, shall establish, by rule, Federal building energy standards that require in new Federal buildings those energy efficiency measures that are technologically feasible and economically justified. Such standards shall become effective no later than 1 year after such rule is issued.

(2) The standards established under paragraph (1) shall—

(A) contain energy saving and renewable energy specifications that meet or exceed the en-

¹ So in original. The comma probably should not appear.

ergy saving and renewable energy specifications of CABO Model Energy Code, 1992 (in the case of residential buildings) or ASHRAE Standard 90.1-1989 (in the case of commercial buildings);

(B) to the extent practicable, use the same format as the appropriate voluntary building energy code; and

(C) consider, in consultation with the Environmental Protection Agency and other Federal agencies, and where appropriate contain, measures with regard to radon and other indoor air pollutants.

(b) Report on comparative standards

The Secretary shall identify and describe, in the report required under section 6837 of this title, the basis for any substantive difference between the Federal building energy standards established under this section (including differences in treatment of energy efficiency and renewable energy) and the appropriate voluntary building energy code.

(c) Periodic review

The Secretary shall periodically, but not less than once every 5 years, review the Federal building energy standards established under this section and shall, if significant energy savings would result, upgrade such standards to include all new energy efficiency and renewable energy measures that are technologically feasible and economically justified.

(d) Interim standards

Interim energy performance standards for new Federal buildings issued by the Secretary under this subchapter as it existed before October 24, 1992, shall remain in effect until the standards established under subsection (a) of this section become effective.

(Pub. L. 94-385, title III, §305, as added Pub. L. 102-486, title I, §101(a)(2), Oct. 24, 1992, 106 Stat. 2784.)

PRIOR PROVISIONS

A prior section 6834, Pub. L. 94-385, title III, §305, Aug. 14, 1976, 90 Stat. 1147, related to availability or approval of Federal financial assistance for new construction, prior to repeal by Pub. L. 97-35, title X, §1041(b), Aug. 13, 1981, 95 Stat. 621.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6835 of this title.

§ 6835. Federal compliance

(a) Procedures

(1) The head of each Federal agency shall adopt procedures necessary to assure that new Federal buildings meet or exceed the Federal building energy standards established under section 6834 of this title.

(2) The Federal building energy standards established under section 6834 of this title shall apply to new buildings under the jurisdiction of the Architect of the Capitol. The Architect shall adopt procedures necessary to assure that such buildings meet or exceed such standards.

(b) Construction of new buildings

The head of a Federal agency may expend Federal funds for the construction of a new Federal

building only if the building meets or exceeds the appropriate Federal building energy standards established under section 6834 of this title.

(Pub. L. 94-385, title III, §306, as added Pub. L. 102-486, title I, §101(a)(2), Oct. 24, 1992, 106 Stat. 2785.)

PRIOR PROVISIONS

A prior section 6835, Pub. L. 94-385, title III, §306, Aug. 14, 1976, 90 Stat. 1148; Pub. L. 96-399, title III, §326(d), Oct. 8, 1980, 94 Stat. 1650; Pub. L. 97-35, title X, §1041(d), Aug. 13, 1981, 95 Stat. 621, related to compliance with final performance standards by Federal agencies, prior to repeal by Pub. L. 102-486, title I, §101(a)(2), Oct. 24, 1992, 106 Stat. 2783.

§ 6836. Support for voluntary building energy codes

(a) In general

Not later than 1 year after October 24, 1992, the Secretary, after consulting with the Secretary of Housing and Urban Development, the Secretary of Veterans Affairs, other appropriate Federal agencies, CABO, ASHRAE, the National Conference of States on Building Codes and Standards, and any other appropriate building codes and standards organization, shall support the upgrading of voluntary building energy codes for new residential and commercial buildings. Such support shall include—

(1) a compilation of data and other information regarding building energy efficiency standards and codes in the possession of the Federal Government, State and local governments, and industry organizations;

(2) assistance in improving the technical basis for such standards and codes;

(3) assistance in determining the cost-effectiveness and the technical feasibility of the energy efficiency measures included in such standards and codes; and

(4) assistance in identifying appropriate measures with regard to radon and other indoor air pollutants.

(b) Review

The Secretary shall periodically review the technical and economic basis of voluntary building energy codes and, based upon ongoing research activities—

(1) recommend amendments to such codes including measures with regard to radon and other indoor air pollutants;

(2) seek adoption of all technologically feasible and economically justified energy efficiency measures; and

(3) otherwise participate in any industry process for review and modification of such codes.

(Pub. L. 94-385, title III, §307, as added Pub. L. 102-486, title I, §101(a)(2), Oct. 24, 1992, 106 Stat. 2785.)

PRIOR PROVISIONS

A prior section 6836, Pub. L. 94-385, title III, §307, Aug. 14, 1976, 90 Stat. 1149; Pub. L. 95-619, title II, §255, Nov. 9, 1978, 92 Stat. 3238, set forth provisions respecting grants to States for adoption and implementation of performance standards, prior to repeal by Pub. L. 97-35, title X, §1041(b), Aug. 13, 1981, 95 Stat. 621.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6837 of this title.

§ 6837. Reports

The Secretary, in consultation with the Secretary of Housing and Urban Development, the Secretary of Veterans Affairs, and other appropriate Federal agencies, shall report annually to the Congress on activities conducted pursuant to this subchapter. Such report shall include—

- (1) recommendations made under section 6836(b) of this title regarding the prevailing voluntary building energy codes;
- (2) a State-by-State summary of actions taken under this subchapter; and
- (3) recommendations to the Congress with respect to opportunities to further promote building energy efficiency and otherwise carry out the purposes of this subchapter.

(Pub. L. 94-385, title III, § 308, as added Pub. L. 102-486, title I, § 101(a)(2), Oct. 24, 1992, 106 Stat. 2786.)

PRIOR PROVISIONS

A prior section 6837, Pub. L. 94-385, title III, § 308, Aug. 14, 1976, 90 Stat. 1149; Pub. L. 97-35, title X, § 1041(e), Aug. 13, 1981, 95 Stat. 621, related to technical assistance to States, etc., prior to repeal by Pub. L. 102-486, § 101(a)(2).

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6834 of this title.

§§ 6838 to 6840. Repealed. Pub. L. 102-486, title I, § 101(a)(2), Oct. 24, 1992, 106 Stat. 2783

Section 6838, Pub. L. 94-385, title III, § 309, Aug. 14, 1976, 90 Stat. 1149; Pub. L. 97-35, title X, § 1041(a), Aug. 13, 1981, 95 Stat. 621, related to consultations by Secretary with interested and affected groups in developing and promulgating voluntary performance standards and establishment of advisory committees.

Section 6839, Pub. L. 94-385, title III, § 310, Aug. 14, 1976, 90 Stat. 1149; Pub. L. 95-91, title III, §§ 301(a), 304(a), title VII, §§ 703, 707, 709(e)(2), Aug. 4, 1977, 91 Stat. 577, 580, 606, 607, 608; Pub. L. 97-35, title X, § 1041(a), Aug. 13, 1981, 95 Stat. 621; Pub. L. 100-418, title V, § 5115(c), Aug. 23, 1988, 102 Stat. 1433, related to support activities necessary or appropriate to develop and implement voluntary performance standards.

Section 6840, Pub. L. 94-385, title III, § 311, Aug. 14, 1976, 90 Stat. 1149; Pub. L. 97-375, title II, § 207(b), Dec. 21, 1982, 96 Stat. 1824, related to monitoring of State and local adoption and implementation of standards and reports to Congress on implementation and effectiveness of standards.

SUBCHAPTER III—ENERGY CONSERVATION AND RENEWABLE-RESOURCE ASSISTANCE FOR EXISTING BUILDINGS**SUBCHAPTER REFERRED TO IN OTHER SECTIONS**

This subchapter is referred to in section 8624 of this title.

§ 6851. Congressional findings and purpose

(a) The Congress finds that—

- (1) the fastest, most cost-effective, and most environmentally sound way to prevent future energy shortages in the United States, while reducing the Nation's dependence on imported energy supplies, is to encourage and facilitate, through major programs, the implementation of energy conservation and renewable-resource energy measures with respect to dwelling units, nonresidential buildings, and industrial plants;

(2) current efforts to encourage and facilitate such measures are inadequate as a consequence of—

(A) a lack of adequate and available financing for such measures, particularly with respect to individual consumers and owners of small businesses;

(B) a shortage of reliable and impartial information and advisory services pertaining to practicable energy conservation measures and renewable-resource energy measures and the cost savings that are likely if they are implemented in such units, buildings, and plants; and

(C) the absence of organized programs which, if they existed, would enable consumers, especially individuals and owners of small businesses, to undertake such measures easily and with confidence in their economic value;

(3) major programs of financial incentives and assistance for energy conservation measures and renewable-resource energy measures in dwelling units, nonresidential buildings, and industrial plants would—

(A) significantly reduce the Nation's demand for energy and the need for petroleum imports;

(B) cushion the adverse impact of the high price of energy supplies on consumers, particularly elderly and handicapped low-income persons who cannot afford to make the modifications necessary to reduce their residential energy use; and

(C) increase, directly and indirectly, job opportunities and national economic output;

(4) the primary responsibility for the implementation of such major programs should be lodged with the governments of the States; the diversity of conditions among the various States and regions of the Nation is sufficiently great that a wholly federally administered program would not be as effective as one which is tailored to meet local requirements and to respond to local opportunities; the State should be allowed flexibility within which to fashion such programs, subject to general Federal guidelines and monitoring sufficient to protect the financial investments of consumers and the financial interest of the United States and to insure that the measures undertaken in fact result in significant energy and cost savings which would probably not otherwise occur;

(5) to the extent that direct Federal administration is more economical and efficient, direct Federal financial incentives and assistance should be extended through existing and proven Federal programs rather than through new programs that would necessitate new and separate administrative bureaucracies; and

(6) such programs should be designed and administered to supplement, and not to supplant or in any other way conflict with, State energy conservation programs under part C of title III of the Energy Policy and Conservation Act [42 U.S.C. 6321 et seq.]; the emergency energy conservation program carried out by community action agencies pursuant to sec-

tion 2809(a)(12)¹ of this title; and other forms of assistance and encouragement for energy conservation.

(b) It is, therefore, the purpose of this subchapter to encourage and facilitate the implementation of energy conservation measures and renewable-resource energy measures in dwelling units, nonresidential buildings, and industrial plants, through—

- (1) supplemental State energy conservation plans; and
- (2) Federal financial incentives and assistance.

(Pub. L. 94-385, title IV, § 402, Aug. 14, 1976, 90 Stat. 1150.)

REFERENCES IN TEXT

The Energy Policy and Conservation Act, referred to in subsec. (a)(5), is Pub. L. 94-163, Dec. 22, 1975, 89 Stat. 871, as amended. Part C of title III of the Energy Policy and Conservation Act is classified generally to part B (§ 6321 et seq.) of subchapter III of chapter 77 of this title. For complete classification of this Act to the Code, see Short Title note set out under section 6201 of this title and Tables.

Section 2809(a)(12) of this title, referred to in subsec. (a)(6), which was redesignated as section 2809(a)(5) by Pub. L. 95-568, § 5(a)(2)(E), Nov. 2, 1978, 92 Stat. 2426, was subsequently repealed by Pub. L. 97-35, title VI, § 683(a), Aug. 13, 1981, 95 Stat. 519.

This subchapter, referred to in subsec. (b), was in the original “this title,” meaning title IV of Pub. L. 94-385, known as the Energy Conservation in Existing Buildings Act of 1976, which enacted this subchapter, section 6327 of this title, and section 1701z-8 of Title 12, Banks and Banking, amended sections 6323, 6325, and 6326 of this title, and enacted provisions set out as a note under section 6801 of this title. For complete classification of this Act to the Code, see Short Title note set out under section 6801 of this title and Tables.

SHORT TITLE

For short title of title IV of Pub. L. 94-385, which is classified principally to this subchapter, as the “Energy Conservation in Existing Buildings Act of 1976”, see section 401 of Pub. L. 94-385, set out as a note under section 6801 of this title.

CROSS REFERENCES

Energy conservation in Federal buildings, see section 8251 et seq. of this title.

Residential energy conservation, see section 8211 et seq. of this title.

PART A—WEATHERIZATION ASSISTANCE FOR LOW-INCOME PERSONS

PART REFERRED TO IN OTHER SECTIONS

This part is referred to in sections 1474, 3013, 6325, 6873, 8626b, 12807 of this title; title 15 section 4507; title 31 section 3803.

§ 6861. Congressional findings and purpose

(a) The Congress finds that—

- (1) a fast, cost-effective, and environmentally sound way to prevent future energy shortages in the United States while reducing the Nation's dependence on imported energy supplies, is to encourage and facilitate, through major programs, the implementation of energy conservation and renewable-resource energy measures with respect to dwelling units;

(2) existing efforts to encourage and facilitate such measures are inadequate because—

- (A) many dwellings owned or occupied by low-income persons are energy inefficient;
- (B) low-income persons can least afford to make the modifications necessary to provide for efficient energy equipment in such dwellings and otherwise to improve the energy efficiency of such dwellings;

(3) weatherization of such dwellings would lower shelter costs in dwellings owned or occupied by low-income persons as well as save energy and reduce future energy capacity requirements; and

(4) States, through Community Action Agencies established under the Economic Opportunity Act of 1964 [42 U.S.C. 2701 et seq.] and units of general purpose local government, should be encouraged, with Federal financial and technical assistance, to develop and support coordinated weatherization programs designed to alleviate the adverse effects of energy costs on such low-income persons, to supplement other Federal programs serving such low-income persons, and to increase energy efficiency.

(b) It is, therefore, the purpose of this part to develop and implement a weatherization assistance program to increase the energy efficiency of dwellings owned or occupied by low-income persons, reduce their total residential energy expenditures, and improve their health and safety, especially low-income persons who are particularly vulnerable such as the elderly, the handicapped, and children.

(Pub. L. 94-385, title IV, § 411, Aug. 14, 1976, 90 Stat. 1151; Pub. L. 101-440, § 7(j), Oct. 18, 1990, 104 Stat. 1015.)

REFERENCES IN TEXT

The Economic Opportunity Act of 1964, referred to in subsec. (a)(4), is Pub. L. 88-452, Aug. 20, 1964, 78 Stat. 508, as amended, which was classified generally to chapter 34 (§ 2701 et seq.) of this title prior to repeal, except for titles VIII and X, by Pub. L. 97-35, title VI, § 683(a), Aug. 13, 1981, 95 Stat. 519. Titles VIII and X of the Act are classified generally to subchapters VIII (§ 2991 et seq.) and X (§ 2996 et seq.) of chapter 34 of this title. For complete classification of this Act to the Code, see Tables.

AMENDMENTS

1990—Pub. L. 101-440 amended section generally. Prior to amendment, section read as follows:

“(a) The Congress finds that—

- “(1) dwellings owned or occupied by low-income persons frequently are inadequately insulated;
- “(2) low-income persons, particularly elderly and handicapped low-income persons, can least afford to make the modifications necessary to provide for adequate insulation in such dwellings and to otherwise reduce residential energy use;

“(3) weatherization of such dwellings would lower utility expenses for such low-income owners or occupants as well as save thousands of barrels per day of needed fuel; and

“(4) States, through community action agencies established under the Economic Opportunity Act of 1964 and units of general purpose local government, should be encouraged, with Federal financial and technical assistance, to develop and support coordinated weatherization programs designed to ameliorate the adverse effects of high energy costs on such

¹ See References in Text note below.

low-income persons, to supplement other Federal programs serving such persons, and to conserve energy. “(b) It is, therefore, the purpose of this part to develop and implement a supplementary weatherization assistance program to assist in achieving a prescribed level of insulation in the dwellings of low-income persons, particularly elderly and handicapped low-income persons, in order both to aid those persons least able to afford higher utility costs and to conserve needed energy.”

§ 6862. Definitions

As used in this part:

(1) The term “Secretary” means the Secretary of Energy.

(2) The term “Director” means the Director of the Community Services Administration.

(3) The term “elderly” means any individual who is 60 years of age or older.

(4) The term “Governor” means the chief executive officer of a State (including the Mayor of the District of Columbia).

(5) The term “handicapped person” means any individual (A) who is a handicapped individual as defined in section 7(7)¹ of the Rehabilitation Act of 1973 [29 U.S.C. 706(7)], (B) who is under a disability as defined in section 1614(a)(3)(A) or 233(d)(1) of the Social Security Act [42 U.S.C. 1382c(a)(3)(A), 423(d)(1)] or in section 102(7)¹ of the Developmental Disabilities Services and Facilities Construction Act [42 U.S.C. 6001(7)], or (C) who is receiving benefits under chapter 11 or 15 of title 38.

(6) The terms “Indian”, “Indian tribe”, and “tribal organization” have the meanings prescribed for such terms by paragraphs (4), (5), and (6), respectively, of section 102 of the Older Americans Act of 1965 [42 U.S.C. 3002].

(7) The term “low-income” means that income in relation to family size which (A) is at or below 125 percent of the poverty level determined in accordance with criteria established by the Director of the Office of Management and Budget, except that the Secretary may establish a higher level if the Secretary, after consulting with the Secretary of Agriculture and the Director of the Community Services Administration, determines that such a higher level is necessary to carry out the purposes of this part and is consistent with the eligibility criteria established for the weatherization program under section 2809(a)(12) of this title, (B) is the basis on which cash assistance payments have been paid during the preceding 12-month period under titles IV and XVI of the Social Security Act [42 U.S.C. 601 et seq., 1381 et seq.] or applicable State or local law, or (C) if a State elects, is the basis for eligibility for assistance under the Low-Income Home Energy Assistance Act of 1981 (42 U.S.C. 8621), provided that such basis is at least 125 percent of the poverty level determined in accordance with criteria established by the Director of the Office of Management and Budget.

(8) The term “State” means each of the States and the District of Columbia.

(9) The term “weatherization materials” means—

(A) caulking and weatherstripping of doors and windows;

(B) furnace efficiency modifications, including, but not limited to—

(i) replacement burners, furnaces, or boilers or any combination thereof;

(ii) devices for minimizing energy loss through heating system, chimney, or venting devices; and

(iii) electrical or mechanical furnace ignition systems which replace standing gas pilot lights;

(C) clock thermostats;

(D) ceiling, attic, wall, floor, and duct insulation;

(E) water heater insulation;

(F) storm windows and doors, multiglazed windows and doors, heat-absorbing or heat-reflective window and door materials;

(G) cooling efficiency modifications, including, but not limited to, replacement air-conditioners, ventilation equipment, screening, window films, and shading devices;

(H) solar thermal water heaters;

(I) wood-heating appliances; and

(J) such other insulating or energy conserving devices or technologies as the Secretary may determine, after consulting with the Secretary of Housing and Urban Development, the Secretary of Agriculture, and the Director, of the Community Services Administration.

(Pub. L. 94-385, title IV, §412, Aug. 14, 1976, 90 Stat. 1152; Pub. L. 95-602, title I, §122(e), Nov. 6, 1978, 92 Stat. 2987; Pub. L. 95-619, title II, §231(a)(1), (b)(2), Nov. 9, 1978, 92 Stat. 3224, 3225; Pub. L. 96-294, title V, §577(1), (2), June 30, 1980, 94 Stat. 760; Pub. L. 98-558, title IV, §§401, 402, Oct. 30, 1984, 98 Stat. 2887; Pub. L. 100-242, title V, §570(d), Feb. 5, 1988, 101 Stat. 1950; Pub. L. 101-440, §7(a), Oct. 18, 1990, 104 Stat. 1012; Pub. L. 102-486, title I, §142(b), Oct. 24, 1992, 106 Stat. 2843.)

REFERENCES IN TEXT

Section 7 of the Rehabilitation Act of 1973 [29 U.S.C. 706], referred to in par. (5), was subsequently amended, and section 7(7) no longer defines the term “handicapped individual”. However, the successor term “individual with a disability” is defined elsewhere in that section.

The Developmental Disabilities Services and Facilities Construction Act, referred to in par. (5), is title I of Pub. L. 88-164, as added by Pub. L. 94-103, Oct. 4, 1975, 89 Stat. 496, and amended. Title I of Pub. L. 88-164, as amended generally by Pub. L. 98-527, §2, Oct. 19, 1984, 98 Stat. 2662, is known as the Developmental Disabilities Assistance and Bill of Rights Act. Section 102(7) of that Act [42 U.S.C. 6001(7)] was subsequently amended and no longer defines the term “developmental disability”. However, such term is defined elsewhere in that section.

Section 2809(a)(12) of this title, referred to in par. (7), which was redesignated as section 2809(a)(5) by Pub. L. 95-568, §5(a)(2)(E), Nov. 2, 1978, 92 Stat. 2426, was subsequently repealed by Pub. L. 97-35, title VI, §683(a), Aug. 13, 1981, 95 Stat. 519.

The Social Security Act, referred to in par. (7), is act Aug. 14, 1935, ch. 531, 49 Stat. 620, as amended. Titles IV and XVI of the Social Security Act are classified generally to subchapters IV (§601 et seq.) and XVI (§1381 et seq.) of chapter 7 of this title. For complete classification of this Act to the Code, see section 1305 of this title and Tables.

The Low-Income Home Energy Assistance Act of 1981, referred to in par. (7), is title XXVI of Pub. L. 97-35,

¹ See References in Text note below.

Aug. 13, 1981, 95 Stat. 893, as amended, which is classified generally to subchapter II (§8621 et seq.) of chapter 94 of this title. For complete classification of this Act to the Code, see Short Title note set out under section 8621 of this title and Tables.

AMENDMENTS

1992—Par. (9)(G) to (J). Pub. L. 102-486 realigned margin of subpar. (G), added subpars. (H) and (I), and redesignated former subpar. (H) as (J).

1990—Par. (9)(G), (H). Pub. L. 101-440 added subpar. (G) and redesignated former subpar. (G) as (H).

1988—Par. (9)(G). Pub. L. 100-242 substituted a single comma for two consecutive commas after “determine”.

1984—Par. (7)(C). Pub. L. 98-558, §401, added cl. (C).

Par. (9)(B). Pub. L. 98-558, §402(1), in amending subpar. (B) generally, substituted “, including, but not limited to” for “limited to” in provisions preceding cl. (i), “, furnaces, or boilers or any combination thereof” for “designed to substantially increase the energy efficiency of the heating system,” in cl. (i), and “minimizing energy loss through heating system, chimney, or venting devices” for “modifying flue openings which will increase the energy efficiency of the heating system,” in cl. (ii).

Par. (9)(C). Pub. L. 98-558, §402(2), struck out “by rule” after “may determine.”

1980—Par. (1). Pub. L. 96-294, §577(1), substituted provisions defining “Secretary” for provisions defining “Administrator”.

Pars. (7), (9)(G). Pub. L. 96-294, §577(2), substituted “Secretary” for “Administrator” wherever appearing.

1978—Par. (5). Pub. L. 95-602 substituted “section 7(7) of the Rehabilitation Act of 1973” for “section 7(6) of the Rehabilitation Act of 1973”.

Par. (7)(A). Pub. L. 95-619, §231(a)(1), inserted “125 percent of” after “at or below” and inserted provision authorizing the Administrator to establish a higher level for low-income computations after determining such higher level to be necessary to carry out the purposes of this part.

Par. (9). Pub. L. 95-619, §231(b)(2), substituted a specific listing of items to be considered weatherization materials for purposes of this part for a general statement of the sort of materials that could be considered as such.

COMMUNITY SERVICES ADMINISTRATION

Community Services Administration, which was established by section 601 of Economic Opportunity Act of 1964, as amended (42 U.S.C. 2941), terminated when Economic Opportunity Act of 1964, Pub. L. 88-452, Aug. 20, 1964, 78 Stat. 508, as amended, was repealed, except for titles VIII and X, effective Oct. 1, 1981, by section 683(a) of Pub. L. 97-35, title VI, Aug. 13, 1981, 95 Stat. 519, which is classified to 42 U.S.C. 9912(a). An Office of Community Services, headed by a Director, was established in Department of Health and Human Services by section 676 of Pub. L. 97-35, which is classified to 42 U.S.C. 9905.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 1474, 6372 of this title; title 12 section 1703.

§ 6863. Weatherization program

(a) Development and conduct of program by Secretary; grants to States and Indian tribal organizations

The Secretary shall develop and conduct, in accordance with the purpose and provisions of this part, a weatherization program. In developing and conducting such program, the Secretary may, in accordance with this part and regulations promulgated under this part, make grants (1) to States, and (2) in accordance with the provisions of subsection (d) of this section, to In-

dian tribal organizations to serve Native Americans. Such grants shall be made for the purpose of providing financial assistance with regard to projects designed to provide for the weatherization of dwelling units, particularly those where elderly or handicapped low-income persons reside, occupied by low-income families.

(b) Consultation by Secretary with other Federal departments and agencies on development and publication in Federal Register of proposed regulations; required regulatory provisions; standards and procedures; rental units

(1) The Secretary, after consultation with the Director, the Secretary of Housing and Urban Development, the Secretary of Health and Human Services, the Secretary of Labor, and the heads of such other Federal departments and agencies as the Secretary deems appropriate, shall develop and publish in the Federal Register for public comment, not later than 60 days after August 14, 1976, proposed regulations to carry out the provisions of this part. The Secretary shall take into consideration comments submitted regarding such proposed regulations and shall promulgate and publish final regulations for such purpose not later than 90 days after August 14, 1976. The development of regulations under this part shall be fully coordinated with the Director.

(2) The regulations promulgated pursuant to this section shall include provisions—

(A) prescribing, in coordination with the Secretary of Housing and Urban Development, the Secretary of Health and Human Services, and the Director of the National Institute of Standards and Technology in the Department of Commerce, for use in various climatic, structural, and human need settings, standards for weatherization materials, energy conservation techniques, and balance combinations thereof, which are designed to achieve a balance of a healthful dwelling environment and maximum practicable energy conservation;

(B) that provide guidance to the States in the implementation of this part, including guidance designed to ensure that a State establishes (i) procedures that provide protection under paragraph (5) to tenants paying for energy as a portion of their rent, and (ii) a process for monitoring compliance with its obligations pursuant to this part; and

(C) that secure the Federal investment made under this part and address the issues of eviction from and sale of property receiving weatherization materials under this part.

(3) The Secretary, in coordination with the Secretaries and Director described in paragraph (2)(A) and with the Director of the Community Services Administration and the Secretary of Agriculture, shall develop and publish in the Federal Register for public comment, not later than 60 days after November 9, 1978, proposed amendments to the regulations prescribed under paragraph (1). Such amendments shall provide that the standards described in paragraph (2)(A) shall include a set of procedures to be applied to each dwelling unit to determine the optimum set of cost-effective measures, within the cost guidelines set for the program, to be installed in

such dwelling unit. Such standards shall, in order to achieve such optimum savings of energy, take into consideration the following factors—

- (A) the cost of the weatherization material;
- (B) variation in climate; and
- (C) the value of energy saved by the application of the weatherization material.

Such standards shall be utilized by the Secretary in carrying out this part, the Secretary of Agriculture in carrying out the weatherization program under section 1474(c) of this title, and the Director of the Community Services Administration in carrying out weatherization programs under section 222(a)(12) of the Economic Opportunity Act of 1964 [42 U.S.C. 2809(a)(12)]. The Secretary shall take into consideration comments submitted regarding such proposed amendment and shall promulgate and publish final amended regulations not later than 120 days after November 9, 1978.

(4) In carrying out paragraphs (2)(A) and (3), the Secretary shall establish the standards and procedures described in such paragraphs so that weatherization efforts being carried out under this part and under programs described in the fourth sentence of paragraph (3) will accomplish uniform results among the States in any area with a similar climatic condition.

(5) In any case in which a dwelling consists of a rental unit or rental units, the State, in the implementation of this part, shall ensure that—

(A) the benefits of weatherization assistance in connection with such rental units, including units where the tenants pay for their energy through their rent, will accrue primarily to the low-income tenants residing in such units;

(B) for a reasonable period of time after weatherization work has been completed on a dwelling containing a unit occupied by an eligible household, the tenants in that unit (including households paying for their energy through their rent) will not be subjected to rent increases unless those increases are demonstrably related to matters other than the weatherization work performed;

(C) the enforcement of subparagraph (B) is provided through procedures established by the State by which tenants may file complaints and owners, in response to such complaints, shall demonstrate that the rent increase concerned is related to matters other than the weatherization work performed; and

(D) no undue or excessive enhancement will occur to the value of such dwelling units.

(6) As a condition of having assistance provided under this part with respect to multifamily buildings, a State may require financial participation from the owners of such buildings.

(c) Failure of State to submit application; alternate application by any unit of general purpose local government or community action agency; submission of amended application by State

If a State does not, within 90 days after the date on which final regulations are promulgated under this section, submit an application to the Secretary which meets the requirements set

forth in section 6864 of this title, any unit of general purpose local government of sufficient size (as determined by the Secretary), or a community action agency carrying out programs under title II of the Economic Opportunity Act of 1964 [42 U.S.C. 2781 et seq.], may, in lieu of such State, submit an application (meeting such requirements and subject to all other provisions of this part) for carrying out projects under this part within the geographical area which is subject to the jurisdiction of such government or is served by such agency. A State may, in accordance with regulations promulgated under this part, submit an amended application.

(d) Direct grants to low-income members of Indian tribal organizations or alternate service organizations; application for funds

(1) Notwithstanding any other provision of this part, in any State in which the Secretary determines (after having taken into account the amount of funds made available to the State to carry out the purposes of this part) that the low-income members of an Indian tribe are not receiving benefits under this part that are equivalent to the assistance provided to other low-income persons in such State under this part, and if he further determines that the members of such tribe would be better served by means of a grant made directly to provide such assistance, he shall reserve from sums that would otherwise be allocated to such State under this part not less than 100 percent, nor more than 150 percent, of an amount which bears the same ratio to the State's allocation for the fiscal year involved as the population of all low-income Indians for whom a determination under this subsection has been made bears to the population of all low-income persons in such State.

(2) The sums reserved by the Secretary on the basis of his determination under this subsection shall be granted to the tribal organization serving the individuals for whom such a determination has been made, or, where there is no tribal organization, to such other entity as he determines has the capacity to provide services pursuant to this part.

(3) In order for a tribal organization or other entity to be eligible for a grant for a fiscal year under this subsection, it shall submit to the Secretary an application meeting the requirements set forth in section 6864 of this title.

(e) Transfer of funds

Notwithstanding any other provision of law, the Secretary may transfer to the Director sums appropriated under this part to be utilized in order to carry out programs, under section 222(a)(12) of the Economic Opportunity Act of 1964 [42 U.S.C. 2809(a)(12)], which further the purpose of this part.

(Pub. L. 94-385, title IV, §413, Aug. 14, 1976, 90 Stat. 1152; Pub. L. 95-619, title II, §231(a)(2), (b)(1), Nov. 9, 1978, 92 Stat. 3224; Pub. L. 96-294, title V, §§573(b), 574, 577(2), June 30, 1980, 94 Stat. 759, 760; Pub. L. 98-479, title II, §201(h), Oct. 17, 1984, 98 Stat. 2228; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433; Pub. L. 101-440, §7(b), Oct. 18, 1990, 104 Stat. 1012; Pub. L. 103-82, title IV, §405(l), Sept. 21, 1993, 107 Stat. 922.)

REFERENCES IN TEXT

The Economic Opportunity Act of 1964, referred to in subsecs. (b)(3), (c), and (e), is Pub. L. 88-452, Aug. 20, 1964, 78 Stat. 508, as amended. Title II of the Economic Opportunity Act of 1964 was classified generally to subchapter II (§2781 et seq.) of chapter 34 of this title prior to repeal by Pub. L. 97-35, title VI, §683(a), Aug. 13, 1981, 95 Stat. 519. Prior to that repeal, section 222(a)(12) of that Act [42 U.S.C. 2809(a)(12)] was redesignated as section 222(a)(5) [42 U.S.C. 2809(a)(5)] by Pub. L. 95-568, §5(a)(2)(E), Nov. 2, 1978, 94 Stat. 2426. For complete classification of this Act to the Code, see Tables.

AMENDMENTS

1993—Subsec. (b)(1). Pub. L. 103-82 struck out “the Director of the ACTION Agency,” after “Labor.”.

1990—Subsec. (b)(2)(B), (C). Pub. L. 101-440, §7(b)(1), added subpars. (B) and (C) and struck out former subpar. (B) which read as follows: “designed to insure that (i) the benefits of weatherization assistance in connection with leased dwelling units will accrue primarily to low-income tenants; (ii) the rents on such dwelling units will not be raised because of any increase in the value thereof due solely to weatherization assistance provided under this part; and (iii) no undue or excessive enhancement will occur to the value of such dwelling units.”

Subsec. (b)(5), (6). Pub. L. 101-440, §7(b)(2), added pars. (5) and (6).

1988—Subsec. (b)(2)(A). Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “National Bureau of Standards”.

1984—Subsec. (b)(1), (2)(A). Pub. L. 98-479 substituted “Health and Human Services” for “Health, Education, and Welfare”.

1980—Subsecs. (a), (b)(1), (3). Pub. L. 96-294, §577(2), substituted “Secretary” for “Administrator” wherever appearing.

Subsec. (b)(4). Pub. L. 96-294, §574, added par. (4).
Subsec. (c). Pub. L. 96-294, §§573(b), 577(2), substituted “Secretary” for “Administrator” wherever appearing, and struck out provisions relating to determinations respecting inapplicability of allocation requirement and priority for an applicable community action agency.

Subsec. (d), (e). Pub. L. 96-294, §577(2), substituted “Secretary” for “Administrator” wherever appearing.

1978—Subsec. (a). Pub. L. 95-619, §231(a)(2), substituted “occupied by low-income families” for “in which the head of the household is a low-income person”.

Subsec. (b)(3). Pub. L. 95-619, §231(b)(1), added par. (3).

EFFECTIVE DATE OF 1993 AMENDMENT

Amendment by Pub. L. 103-82 effective Apr. 4, 1994, see section 406(b) of Pub. L. 103-82, set out as a note under section 8332 of Title 5, Government Organization and Employees.

COMMUNITY SERVICES ADMINISTRATION

Community Services Administration, which was established by section 601 of Economic Opportunity Act of 1964, as amended (42 U.S.C. 2941), terminated when Economic Opportunity Act of 1964, Pub. L. 88-452, Aug. 20, 1964, 78 Stat. 508, as amended, was repealed, except for titles VIII and X, effective Oct. 1, 1981, by section 683(a) of Pub. L. 97-35, title VI, Aug. 13, 1981, 95 Stat. 519, which is classified to 42 U.S.C. 9912(a). An Office of Community Services, headed by a Director, was established in Department of Health and Human Services by section 676 of Pub. L. 97-35, which is classified to 42 U.S.C. 9905.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 1474, 6864, 6864a, 6864b, 6868 of this title.

§ 6864. Financial assistance

(a) Annual application; contents; allocation to States

The Secretary shall provide financial assistance, from sums appropriated for any fiscal year under this part, only upon annual application. Each such application shall describe the estimated number and characteristics of the low-income persons and the number of dwelling units to be assisted and the criteria and methods to be used by the applicant in providing weatherization assistance to such persons. The application shall also contain such other information (including information needed for evaluation purposes) and assurances as may be required (1) in the regulations promulgated pursuant to section 6863 of this title and (2) to carry out this section. The Secretary shall allocate financial assistance to each State on the basis of the relative need for weatherization assistance among low-income persons throughout the States, taking into account the following factors:

(A) The number of dwelling units to be weatherized.

(B) The climatic conditions in the State respecting energy conservation, which may include consideration of annual degree days.

(C) The type of weatherization work to be done in the various settings.

(D) Such other factors as the Secretary may determine necessary, such as the cost of heating and cooling, in order to carry out the purpose and provisions of this part.

(b) Requirements for assistance

The Secretary shall not provide financial assistance under this part unless the applicant has provided reasonable assurances that it has—

(1) established a policy advisory council which (A) has special qualifications and sensitivity with respect to solving the problems of low-income persons (including the weatherization and energy-conservation problems of such persons), (B) is broadly representative of organizations and agencies which are providing services to such persons in the State or geographical area in question, and (C) is responsible for advising the responsible official or agency administering the allocation of financial assistance in such State or area with respect to the development and implementation of such weatherization assistance program;

(2) established priorities to govern the provision of weatherization assistance to low-income persons, including methods to provide priority to elderly and handicapped low-income persons, and such priority as the applicant determines is appropriate for single-family or other high-energy-consuming dwelling units;

(3) established policies and procedures designed to assure that financial assistance provided under this part will be used to supplement, and not to supplant, State or local funds, and, to the extent practicable, to increase the amounts of such funds that would be made available in the absence of Federal funds for carrying out the purpose of this part, including plans and procedures (A) for secur-

ing, to the maximum extent practicable, the services of volunteers and training participants and public service employment workers, pursuant to the Job Training Partnership Act [29 U.S.C. 1501 et seq.], to work under the supervision of qualified supervisors and foremen, (B) for using Federal financial assistance under this part to increase the portion of low-income weatherization assistance that the State obtains from non-Federal sources, including private sources, and (C) for complying with the limitations set forth in section 6865 of this title; and

(4) selected on the basis of public comment received during a public hearing conducted pursuant to section 6865(b)(1) of this title, and other appropriate findings, community action agencies or other public or nonprofit entities to undertake the weatherization activities authorized by this subchapter: *Provided*, Such selection shall be based on the agency's experience and performance in weatherization or housing renovation activities, experience in assisting low-income persons in the area to be served, and the capacity to undertake a timely and effective weatherization program: *Provided further*, That in making such selection preference shall be given to any community action agency or other public or nonprofit entity which has, or is currently administering, an effective program under this subchapter or under title II of the Economic Opportunity Act of 1964 [42 U.S.C. 2781 et seq.].

(c) Annual update of data used in allocating funds

Effective with fiscal year 1991, and annually thereafter, the Secretary shall update the population, eligible households, climatic, residential energy use, and all other data used in allocating the funds under this part among the States pursuant to subsection (a) of this section.

(Pub. L. 94-385, title IV, §414, Aug. 14, 1976, 90 Stat. 1154; Pub. L. 96-294, title V, §§573(c), 577(2), June 30, 1980, 94 Stat. 759, 760; Pub. L. 97-300, title I, §183, Oct. 13, 1982, 96 Stat. 1357; Pub. L. 101-440, §7(c), (g), Oct. 18, 1990, 104 Stat. 1012, 1014.)

REFERENCES IN TEXT

The Job Training Partnership Act, referred to in subsec. (b)(3), is Pub. L. 97-300, Oct. 13, 1982, 96 Stat. 1322, as amended, which is classified generally to chapter 19 (§1501 et seq.) of Title 29, Labor. For complete classification of this Act to the Code, see Short Title note set out under section 1501 of Title 29 and Tables.

The Economic Opportunity Act of 1964, referred to in subsec. (b)(4), is Pub. L. 88-452, Aug. 20, 1964, 78 Stat. 508, as amended. Title II of the Economic Opportunity Act of 1964 was classified generally to subchapter II (§2781 et seq.) of chapter 34 of this title prior to repeal by Pub. L. 97-35, title VI, §683(a), Aug. 13, 1981, 95 Stat. 519. For complete classification of this Act to the Code, see Tables.

CODIFICATION

In subsec. (b)(3), "Job Training Partnership Act [29 U.S.C. 1501 et seq.]" substituted for "Comprehensive Employment and Training Act of 1973 [29 U.S.C. 801 et seq.]" pursuant to section 183 of the Job Training Partnership Act, Pub. L. 97-300, title I, Oct. 13, 1982, 96 Stat. 1357, which is classified to section 1592 of Title 29, Labor, and which provided in part that references in

any other statute to Comprehensive Employment and Training Act shall be deemed to refer to Job Training Partnership Act.

AMENDMENTS

1990—Subsec. (a)(D). Pub. L. 101-440, §7(c)(1), inserted "such as the cost of heating and cooling," after "necessary".

Subsec. (b)(3). Pub. L. 101-440, §7(g), added cl. (B) and redesignated former cl. (B) as (C).

Subsec. (c). Pub. L. 101-440, §7(c)(2), added subsec. (c).

1980—Subsec. (a). Pub. L. 96-294, §577(2), substituted "Secretary" for "Administrator" wherever appearing.

Subsec. (b). Pub. L. 96-294, §§573(c), 577(2), substituted "Secretary" for "Administrator" and added par. (4).

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6863, 6864a, 6864b, 6869 of this title.

§ 6864a. Private sector investments

(a) In general

The Secretary shall, to the extent funds are made available for such purpose, provide financial assistance to entities receiving funding from the Federal Government or from a State through a weatherization assistance program under section 6863 or section 6864 of this title for the development and initial implementation of partnerships, agreements, or other arrangements with utilities, private sector interests, or other institutions, under which non-Federal financial assistance would be made available to support programs which install energy efficiency improvements in low-income housing.

(b) Use of funds

Financial assistance provided under this section may be used for—

(1) the negotiation of such partnerships, agreements and other arrangements;

(2) the presentation of arguments before State or local agencies;

(3) expert advice on the development of such partnerships, agreements, and other arrangements; or

(4) other activities reasonably associated with the development and initial implementation of such arrangements.

(c) Conditions

(1) Financial assistance provided under this section to entities other than States shall, to the extent practicable, coincide with the timing of financial assistance provided to such entities under section 6863 or section 6864 of this title.

(2) Not less than 80 percent of amounts provided under this section shall be provided to entities other than States.

(3) A recipient of financial assistance under this section shall have up to three years to complete projects undertaken with such assistance.

(Pub. L. 94-385, title IV, §414A, as added Pub. L. 102-486, title I, §142(a), Oct. 24, 1992, 106 Stat. 2842.)

§ 6864b. Technical transfer grants

(a) In general

The Secretary may, to the extent funds are made available, provide financial assistance to entities receiving funding from the Federal Government or from a State through a weatheriza-

tion assistance program under section 6863 or section 6864 of this title for—

- (1) evaluating technical and management measures which increase program and/or private entity performance in weatherizing low-income housing;
- (2) producing technical information for use by persons involved in weatherizing low-income housing;
- (3) exchanging information; and
- (4) conducting training programs for persons involved in weatherizing low-income housing.

(b) Conditions

(1) Not less than 50 percent of amounts provided under this section shall be awarded to entities other than States.

(2) A recipient of financial assistance under this section may contract with nonprofit entities to carry out all or part of the activities for which such financial assistance is provided.

(Pub. L. 94-385, title IV, §414B, as added Pub. L. 102-486, title I, §142(a), Oct. 24, 1992, 106 Stat. 2842.)

§ 6865. Limitations on financial assistance

(a) Purchase of materials and administration of projects

(1) Except as provided in paragraph (2), an average of at least forty percent of the funds provided in a State under this part for weatherization materials, labor, and related matters described in subsection (c) of this section shall be spent for weatherization materials. Not more than an amount equal to 10 percent of any grant made by the Secretary under this part may be used for administrative purposes in carrying out duties under this part, except that not more than one-half of such amount may be used by any State for such purposes, and a State may provide in the plan adopted pursuant to subsection (b) of this section for recipients of grants of less than \$350,000 to use up to an additional 5 percent of such grant for administration if the State has determined that such recipient requires such additional amount to implement effectively the administrative requirements established by the Secretary pursuant to this part.

(2)(A) The Secretary shall approve a State's application to waive the 40-percent requirement established in paragraph (1) if the State includes in its plan energy audit procedures and techniques which (i) meet standards established by the Secretary after consultation with the State Energy Advisory Board established under section 6325(g) of this title, (ii) establish priorities for selection of weatherization measures based on their cost and contribution to energy efficiency, (iii) measure the energy requirement of individual dwellings and the rate of return of the total conservation investment in a dwelling, and (iv) account for interaction among energy efficiency measures.

(B) The Secretary shall make information on energy audit procedures and techniques available to States applying for a waiver under subparagraph (A) and shall provide training for State and local agencies in the implementation of such procedures and techniques.

(b) Allocation, termination or discontinuance by Secretary

The Secretary shall insure that financial assistance provided under this part will—

(1) be allocated within the State or area in accordance with a published State or area plan, which is adopted by such State after notice and a public hearing, describing the proposed funding distributions and recipients;

(2) be allocated, pursuant to such State or area plan, to community action agencies carrying out programs under title II of the Economic Opportunity Act of 1964 [42 U.S.C. 2781 et seq.] or to other appropriate and qualified public or nonprofit entities in such State or area so that—

(A) funds will be allocated on the basis of the relative need for weatherization assistance among the low-income persons within such State or area, taking into account appropriate climatic and energy conservation factors; and

(B) due consideration will be given to the results of periodic evaluations of the projects carried out under this part in light of available information regarding the current and anticipated energy and weatherization needs of low-income persons within the State; and

(3) be terminated or discontinued during the application period only in accordance with policies and procedures consistent with the policies and procedures set forth in section 6868 of this title.

(c) Limitations on expenditures; exceptions; annual adjustments

(1) Except as provided in paragraphs (3) and (4), the expenditure of financial assistance provided under this part for labor, weatherization materials, and related matters shall not exceed an average of \$1,600 per dwelling unit weatherized in that State. Labor, weatherization materials, and related matter includes, but is not limited to—

(A) the appropriate portion of the cost of tools and equipment used to install weatherization materials for a dwelling unit;

(B) the cost of transporting labor, tools, and materials to a dwelling unit;

(C) the cost of having onsite supervisory personnel; and

(D) the cost of making incidental repairs to a dwelling unit if such repairs are necessary to make the installation of weatherization materials effective.

(2) Dwelling units partially weatherized under this part or under other Federal programs during the period September 30, 1975, through September 30, 1979, may receive further financial assistance for weatherization under this part.

(3) Beginning with fiscal year 1991, the \$1,600 per dwelling unit limitation provided in paragraph (1) shall be adjusted annually by increasing the limitation amount by an amount equal to—

(A) the limitation amount for the previous fiscal year, multiplied by

(B) the lesser of (i) the percentage increase in the Consumer Price Index (all items, United

States city average) for the most recent calendar year completed before the beginning of fiscal year for which the determination is being made, or (ii) three percent.

(4)(A) In addition to the average per dwelling unit limitation applicable in a State under paragraphs (1) and (3), the Secretary shall, upon application by a State, establish a separate average per dwelling unit limitation for dwelling units in such State—

- (i) which conform to program requirements; and
- (ii) which, in addition to any other weatherization modifications, have furnace efficiency modifications made under this part.

(B) The average per dwelling unit limitation applicable in a State to units described in subparagraph (A) shall not exceed an amount equal to—

- (i) the amount permitted for the expenditure of financial assistance for labor, weatherization materials, and related matters for dwelling units in such State under paragraphs (1) and (3), plus
- (ii) an amount determined by the State to be the average amount that is appropriate for furnace efficiency modifications of dwelling units of the type assisted under this part in such State.

(d) Supplementary financial assistance to States

Beginning with fiscal year 1992, the Secretary may allocate funds appropriated pursuant to section 6872(b) of this title to provide supplementary financial assistance to those States which the Secretary determines have achieved the best performance during the previous fiscal year in achieving the purposes of this part. In making this determination, the Secretary shall—

- (1) consult with the State Energy Advisory Board established under section 6325(g) of this title; and
- (2) give priority to those States which, during such previous fiscal year, obtained a significant portion of income from non-Federal sources for their weatherization programs or increased significantly the portion of low-income weatherization assistance that the State obtained from non-Federal sources.

(e) Supplementary financial assistance to grant recipients

(1)(A) Beginning with fiscal year 1992, the Secretary may allocate, from funds appropriated pursuant to section 6872(b) of this title, among the States an equal amount for each State not to exceed \$100,000 per State. Each State shall make available amounts received under this subsection to provide supplementary financial assistance to recipients of grants under this part that have achieved the best performance during the previous fiscal year in advancing the purposes of this part.

(B) None of the funds made available under this subsection may be used by any State for administrative purposes.

(2) The Secretary shall, after consulting with the State Energy Advisory Board referred to in subsection (d)(1) of this section, prescribe guidelines to be used by each State in making avail-

able supplementary financial assistance under this subsection, with a priority being given to subgrantees that, by law or through administrative or other executive action, provided non-Federal resources (including private resources) to supplement Federal financial assistance under this part during the previous fiscal year.

(Pub. L. 94-385, title IV, §415, Aug. 14, 1976, 90 Stat. 1155; Pub. L. 95-619, title II, §231(c), Nov. 9, 1978, 92 Stat. 3225; Pub. L. 96-294, title V, §§571, 572, 573(a), 575, 577(2), June 30, 1980, 94 Stat. 759, 760; Pub. L. 98-558, title IV, §§403, 404, Oct. 30, 1984, 98 Stat. 2887, 2888; Pub. L. 101-440, §7(d)-(f), (i), Oct. 18, 1990, 104 Stat. 1013, 1014.)

REFERENCES IN TEXT

The Economic Opportunity Act of 1964, referred to in subsec. (b)(2), is Pub. L. 88-452, Aug. 20, 1964, 78 Stat. 508, as amended. Title II of the Economic Opportunity Act of 1964 was classified generally to subchapter II (§2781 et seq.) of chapter 34 of this title prior to repeal by Pub. L. 97-35, title VI, §683(a), Aug. 13, 1981, 95 Stat. 519. For complete classification of this Act to the Code, see Tables.

AMENDMENTS

1990—Subsec. (a). Pub. L. 101-440, §7(d), substituted “(1) Except as provided in paragraph (2), an average” for “An average”, inserted before period at end “, and a State may provide in the plan adopted pursuant to subsection (b) of this section for recipients of grants of less than \$350,000 to use up to an additional 5 percent of such grant for administration if the State has determined that such recipient requires such additional amount to implement effectively the administrative requirements established by the Secretary pursuant to this part”, and added par. (2).

Subsec. (c)(1). Pub. L. 101-440, §7(e)(1), substituted “Except as provided in paragraphs (3) and (4), the expenditure” for “The expenditure”.

Subsec. (c)(3), (4). Pub. L. 101-440, §7(e)(2), added pars. (3) and (4).

Subsec. (d). Pub. L. 101-440, §7(i), added subsec. (d).

Pub. L. 101-440, §7(f), struck out subsec. (d) which established a performance fund to provide financial assistance to those States the Secretary determined to have demonstrated the best performance during the previous fiscal year in providing weatherization assistance.

Subsec. (e). Pub. L. 101-440, §7(i), added subsec. (e).

1984—Subsec. (a). Pub. L. 98-558, §403(1), substituted provisions that an average of at least forty percent of the funds provided shall be spent for weatherization for former provisions which directed the Secretary to use funds to the maximum extent practicable.

Subsec. (c). Pub. L. 98-558, §403(2), in amending subsec. (c) generally, substituted provisions that expenditures shall not exceed an average of \$1,600 per dwelling unit for former provisions which provided for an \$800 per dwelling unit limit in par. (1), struck out “(not to exceed \$150)” after “the cost” in par. (1)(D), substituted provisions that dwelling units partially weatherized between certain dates could receive further financial assistance under this part for former provisions that \$800 limit would not apply if the State policy advisory council requested greater amounts from the Secretary and the Secretary gave approval in par. (2), and deleted former par. (3) which provided that in areas where the Secretary, after consultation with the Secretary of Labor, determined that there was an insufficient number of volunteers and training participants and public service employment workers, assisted pursuant to the Comprehensive Employment and Training Act of 1973, available to work on weatherization projects under the supervision of qualified supervisors and foremen, the Secretary could increase the limitation of \$800 to not more than \$1,600 to cover the costs of paying persons

who would install the weatherization materials and, to the maximum extent practicable, who would otherwise be able to participate as training participants and public service employment workers pursuant to the Comprehensive Employment and Training Act of 1973.

Subsec. (d). Pub. L. 98-558, § 404, added subsec. (d).

1980—Subsec. (a). Pub. L. 96-294, §§ 571, 577(2), substituted “Secretary” for “Administrator” and provisions limiting amounts used for administrative purposes in any grant made by the Secretary under this part for provisions limiting amounts used for administrative purposes in any grant made pursuant to section 6863(a) of this title and any allocations under this section.

Subsec. (b). Pub. L. 96-294, §§ 573(a), 577(2), substituted in provision preceding par. (1) “Secretary” for “Administrator”, redesignated former par. (2)(C) as (B), and struck out former par. (2)(B), which related to funds allocated for carrying out weatherization projects under this part in the geographical area served by the emergency program.

Subsec. (c)(1). Pub. L. 96-294, §§ 572(1), 575, inserted in provision preceding subpar. (A) reference to par. (3) and in subpar. (D) substituted “\$150” for “\$100”.

Subsec. (c)(2). Pub. L. 96-294, § 577(2), substituted “Secretary” for “Administrator” wherever appearing.

Subsec. (c)(3). Pub. L. 96-294, § 572(2), added par. (3).

1978—Subsec. (a). Pub. L. 95-619, § 231(c)(1), authorized expenditure of allocations under this part for costs related to weatherization of a dwelling unit as provided in subsec. (c) of this section and substituted an administrative expenses limitation of five percent of any allocation under this section for a similar limitation of ten percent of any such allocation.

Subsec. (c). Pub. L. 95-619, § 231(c)(2), included expenditure of financial assistance provided under this section for costs related to procurement and installation of weatherization materials in dwelling units in the maximum amount available per dwelling unit and increased such maximum amount to \$800 per unit.

PERFORMANCE FUND; RESTRICTION ON USE

Pub. L. 99-190, § 101(d) [title II, § 201], Dec. 19, 1985, 99 Stat. 1224, 1253, provided: “That section 404 of Public Law 98-558 [enacting subsec. (d) of this section] shall not be effective in any fiscal year in which the amount made available for low income weatherization assistance from appropriations under this head is less than 5 per centum above the amount made available in fiscal year 1985.”

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 1474, 6864, 6872 of this title.

§ 6866. Monitoring and evaluation of funded projects; technical assistance; limitation on assistance

The Secretary, in coordination with the Director, shall monitor and evaluate the operation of projects receiving financial assistance under this part through methods provided for in section 6867(a) of this title, through onsite inspections, or through other means, in order to assure the effective provision of weatherization assistance for the dwelling units of low-income persons. The Secretary shall also carry out periodic evaluations of the program authorized by this part and projects receiving financial assistance under this part. The Secretary may provide technical assistance to any such project, directly and through persons and entities with a demonstrated capacity in developing and implementing appropriate technology for enhancing the effectiveness of the provision of weatherization assistance to the dwelling units of low-in-

come persons, utilizing in any fiscal year not to exceed 10 percent of the sums appropriated for such year under this part.

(Pub. L. 94-385, title IV, § 416, Aug. 14, 1976, 90 Stat. 1156; Pub. L. 96-294, title V, § 577(2), June 30, 1980, 94 Stat. 760.)

AMENDMENTS

1980—Pub. L. 96-294 substituted “Secretary” for “Administrator” wherever appearing.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6871 of this title.

§ 6867. Administration of projects receiving financial assistance

(a) Reporting requirements

The Secretary, in consultation with the Director, by general or special orders, may require any recipient of financial assistance under this part to provide, in such form as he may prescribe, such reports or answers in writing to specific questions, surveys, or questionnaires as may be necessary to enable the Secretary and the Director to carry out their functions under this part.

(b) Maintenance of records

Each person responsible for the administration of a weatherization assistance project receiving financial assistance under this part shall keep such records as the Secretary may prescribe in order to assure an effective financial audit and performance evaluation of such project.

(c) Audit and examination of books, etc.

The Secretary, the Director (with respect to community action agencies), and the Comptroller General of the United States, or any of their duly authorized representatives, shall have access for the purpose of audit and examination to any books, documents, papers, information, and records of any project receiving financial assistance under this part that are pertinent to the financial assistance received under this part.

(d) Method of payments

Payments under this part may be made in installments and in advance, or by way of reimbursement, with necessary adjustments on account of overpayments or underpayments.

(Pub. L. 94-385, title IV, § 417, Aug. 14, 1976, 90 Stat. 1156; Pub. L. 96-294, title V, § 577(2), June 30, 1980, 94 Stat. 760.)

AMENDMENTS

1980—Subsecs. (a) to (c). Pub. L. 96-294 substituted “Secretary” for “Administrator” wherever appearing.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6866 of this title.

§ 6868. Approval of application or amendment for financial assistance; administrative procedures applicable

(a) The Secretary shall not finally disapprove any application submitted under this part, or any amendment thereto, without first affording the State (or unit of general purpose local government or community action agency under sec-

tion 6863(c) of this title, as appropriate) in question, as well as other interested parties, reasonable notice and an opportunity for a public hearing. The Secretary may consolidate into a single hearing the consideration of more than one such application for a particular fiscal year to carry out projects within a particular State. Whenever the Secretary, after reasonable notice and an opportunity for a public hearing, finds that there is a failure to comply substantially with the provisions of this part or regulations promulgated under this part, he shall notify the agency or institution involved and other interested parties that such State (or unit of general purpose local government or agency, as appropriate) will no longer be eligible to participate in the program under this part until the Secretary is satisfied that there is no longer any such failure to comply.

(b) Reasonable notice under this section shall include a written notice of intention to act adversely (including a statement of the reasons therefor) and a reasonable period of time within which to submit corrective amendments to the application, or to propose corrective action.

(Pub. L. 94-385, title IV, §418, Aug. 14, 1976, 90 Stat. 1157; Pub. L. 96-294, title V, §577(2), June 30, 1980, 94 Stat. 760.)

AMENDMENTS

1980—Subsec. (a). Pub. L. 96-294 substituted “Secretary” for “Administrator” wherever appearing.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6865, 6869 of this title.

§ 6869. Judicial review of final action by Secretary on application

(a) Time for appeal; jurisdiction; filing of administrative record by Secretary

If any applicant is dissatisfied with the Secretary's final action with respect to the application submitted by it under section 6864 of this title, or with a final action under section 6868 of this title, such applicant may, within 60 days after notice of such action, file with the United States court of appeals for the circuit in which the State involved is located a petition for review of that action. A copy of the petition shall be forthwith transmitted by the clerk of the court to the Secretary. The Secretary thereupon shall file in the court the record of the proceedings on which he based his action, as provided in section 2112 of title 28.

(b) Conclusiveness of findings of Secretary; remand; modified findings by Secretary; certification of record

The findings of fact by the Secretary, if supported by substantial evidence, shall be conclusive. The court may, for good cause shown, remand the case to the Secretary to take further evidence, and the Secretary may thereupon make new or modified findings of fact and may modify his previous action. The Secretary shall certify to the court the record of any such further proceedings. Such new or modified findings of fact shall likewise be conclusive if supported by substantial evidence.

(c) Power of court to affirm or set aside action of Secretary; appeal to Supreme Court

The court shall have jurisdiction to affirm the action of the Secretary or to set it aside, in whole or in part. The judgment of the court shall be subject to review by the Supreme Court of the United States upon certiorari or certification, as provided in section 1254 of title 28.

(Pub. L. 94-385, title IV, §419, Aug. 14, 1976, 90 Stat. 1157; Pub. L. 96-294, title V, §577(2), (3), June 30, 1980, 94 Stat. 760.)

AMENDMENTS

1980—Subsecs. (a) to (c). Pub. L. 96-294 substituted “Secretary” for “Administrator” wherever appearing, and “Secretary’s” for “Administrator’s”.

§ 6870. Prohibition against discrimination; notification to funded project of violation; penalties for failure to comply

(a) No person in the United States shall, on the ground of race, color, national origin, or sex, or on the ground of any other factor specified in any Federal law prohibiting discrimination, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program, project, or activity supported in whole or in part with financial assistance under this part.

(b) Whenever the Secretary determines that a recipient of financial assistance under this part has failed to comply with subsection (a) of this section or any applicable regulation, he shall notify the recipient thereof in order to secure compliance. If, within a reasonable period of time thereafter, such recipient fails to comply, the Secretary shall—

(1) refer the matter to the Attorney General with a recommendation that an appropriate civil action be instituted;

(2) exercise the power and functions provided by title VI of the Civil Rights Act of 1964 [42 U.S.C. 2000d et seq.] and any other applicable Federal nondiscrimination law; or

(3) take such other action as may be authorized by law.

(Pub. L. 94-385, title IV, §420, Aug. 14, 1976, 90 Stat. 1158; Pub. L. 96-294, title V, §577(2), June 30, 1980, 94 Stat. 760.)

REFERENCES IN TEXT

The Civil Rights Act of 1964, referred to in subsec. (b)(2), is Pub. L. 88-352, July 2, 1964, 78 Stat. 241, as amended. Title VI of the Civil Rights Act of 1964 is classified generally to subchapter V (§2000d et seq.) of chapter 21 of this title. For complete classification of this Act to the Code, see Short Title note set out under section 2000a of this title and Tables.

AMENDMENTS

1980—Subsec. (b). Pub. L. 96-294 substituted “Secretary” for “Administrator” wherever appearing.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6871 of this title.

§ 6871. Annual report by Secretary and Director to President and Congress on weatherization program

The Secretary and (with respect to the operation and effectiveness of activities carried out

through community action agencies) the Director shall each submit, on or before March 31, 1977, and annually thereafter, a report to the Congress and the President describing the weatherization assistance program carried out under this part or any other provision of law, including the results of the periodic evaluations and monitoring activities required by section 6866 of this title. Such report shall include information and data furnished by each State on the average costs incurred in weatherization of individual dwelling units, the average size of the dwellings being weatherized, and the average income of households receiving assistance under this part.

(Pub. L. 94-385, title IV, § 421, Aug. 14, 1976, 90 Stat. 1158; Pub. L. 96-294, title V, § 577(2), June 30, 1980, 94 Stat. 760; Pub. L. 101-440, § 7(h), Oct. 18, 1990, 104 Stat. 1014.)

AMENDMENTS

1990—Pub. L. 101-440 struck out “through 1979” after “and annually thereafter” and inserted at end “Such report shall include information and data furnished by each State on the average costs incurred in weatherization of individual dwelling units, the average size of the dwellings being weatherized, and the average income of households receiving assistance under this part.”

1980—Pub. L. 96-294 substituted “Secretary” for “Administrator”.

§ 6872. Authorization of appropriations

(a) There are authorized to be appropriated for purposes of carrying out the weatherization program under this part, other than under subsections (d) and (e) of section 6865 of this title, not to exceed \$200,000,000 for fiscal year 1991 and such sums as may be necessary for fiscal years 1992, 1993, and 1994.

(b) There are authorized to be appropriated for purposes of carrying out the weatherization program under subsections (d) and (e) of section 6865 of this title, not to exceed \$20,000,000 for fiscal year 1992 and such sums as may be necessary for fiscal years 1993 and 1994.

(Pub. L. 94-385, title IV, § 422, Aug. 14, 1976, 90 Stat. 1158; Pub. L. 95-619, title II, § 231(d), Nov. 9, 1978, 92 Stat. 3226; Pub. L. 96-294, title V, § 576, June 30, 1980, 94 Stat. 760; Pub. L. 98-181, title IV, § 464, Nov. 30, 1983, 97 Stat. 1235; Pub. L. 101-440, § 8(c), Oct. 18, 1990, 104 Stat. 1016.)

AMENDMENTS

1990—Pub. L. 101-440 amended section generally. Prior to amendment, section read as follows: “Of the funds authorized by section 1005(1) of the Omnibus Budget Reconciliation Act of 1981 for energy conservation for fiscal year 1984, not less than \$190,000,000 is authorized to be appropriated to carry out the weatherization program under this part. There is authorized to be appropriated such sums as may be necessary for fiscal year 1985 to carry out such weatherization program. Any amount appropriated under this section shall remain available until expended.”

1983—Pub. L. 98-181 amended section generally, providing that, of the funds authorized by section 1005(1) of the Omnibus Budget Reconciliation Act of 1981 for energy conservation for fiscal year 1984, not less than \$190,000,000 was authorized to be appropriated to carry out the weatherization program under this part, and substituted provisions authorizing the appropriation of such sums as may be necessary for fiscal year 1985 to carry out the weatherization program for provisions

that had authorized the appropriations of \$55,000,000 for the fiscal year ending on Sept. 30, 1977, \$130,000,000 for the fiscal year ending on Sept. 30, 1978, \$200,000,000 for the fiscal year ending on Sept. 30, 1979, \$200,000,000 for the fiscal year ending on Sept. 30, 1980, and \$200,000,000 for the fiscal year ending on Sept. 30, 1981.

1980—Pub. L. 96-294 inserted provisions authorizing to be appropriated \$200,000,000 for fiscal year ending on Sept. 30, 1981, such sums to remain available until expended, substituted “the sum of” for “not to exceed” wherever appearing.

1978—Pub. L. 95-619 substituted an appropriations authorization of not to exceed \$130,000,000 for fiscal year ending Sept. 30, 1978, for an authorization of not to exceed \$65,000,000 for such fiscal year, substituted an authorization of not to exceed \$200,000,000 for fiscal year ending Sept. 30, 1979, for an authorization of \$80,000,000 for such fiscal year, and added an authorization of not to exceed \$200,000,000 for fiscal year ending Sept. 30, 1980.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6865 of this title.

§ 6873. Availability of labor

The following actions shall be taken in order to assure that there is a sufficient number of volunteers and training participants and public service employment workers, assisted pursuant to the Job Training Partnership Act [29 U.S.C. 1501 et seq.] and the Older American Community Service Employment Act [42 U.S.C. 3056 et seq.], available to work in support of weatherization programs conducted under part A of the Energy Conservation in Existing Buildings Act of 1976 [42 U.S.C. 6861 et seq.], section 222(a)(12)¹ of the Economic Opportunity Act of 1964 [42 U.S.C. 2809(a)(12)], and section 504 of the Housing Act of 1949 [42 U.S.C. 1474]:

(1) First, the Secretary of Energy (in consultation with the Director of the Community Services Administration, the Secretary of Agriculture, and the Secretary of Labor) shall determine the number of individuals needed to supply sufficient labor to carry out such weatherization programs in the various areas of the country.

(2) After the determination in paragraph (1) is made, the Secretary of Labor shall identify the areas of the country in which there is an insufficient number of such volunteers and training participants and public service employment workers.

(3) After such areas are identified, the Secretary of Labor shall take steps to assure that such weatherization programs are supported to the maximum extent practicable in such areas by such volunteers and training participants and public service employment workers.

(Pub. L. 95-619, title II, § 233, Nov. 9, 1978, 92 Stat. 3227; Pub. L. 97-300, title I, § 183, Oct. 13, 1982, 96 Stat. 1357.)

REFERENCES IN TEXT

The Job Training Partnership Act, referred to in text, is Pub. L. 97-300, Oct. 13, 1982, 96 Stat. 1322, as amended, which is classified generally to chapter 19 (§1501 et seq.) of Title 29, Labor. For complete classification of this Act to the Code, see Short Title note set out under section 1501 of Title 29 and Tables.

The Older American Community Service Employment Act, referred to in text, is title V of Pub. L. 89-73,

¹ See References in Text note below.

as added Pub. L. 94-135, title I, §113(a), Nov. 28, 1975, 89 Stat. 720, and amended, which is classified generally to subchapter IX (§3056 et seq.) of chapter 35 of this title. For complete classification of this Act to the Code, see Short Title of 1975 Amendment note set out under section 3001 of this title and Tables.

The Energy Conservation in Existing Buildings Act of 1976, referred to in text, is title IV of Pub. L. 94-385, Aug. 14, 1976, 90 Stat. 1150, as amended. Part A of the Energy Conservation in Existing Buildings Act of 1976 is classified generally to part A (§6861 et seq.) of subchapter III of this chapter. For complete classification of this Act to the Code, see Short Title note set out under section 6801 of this title and Tables.

Section 222(a)(12) of the Economic Opportunity Act of 1964 [42 U.S.C. 2809(a)(12)], referred to in text, which was redesignated as section 222(a)(5) [42 U.S.C. 2809(a)(5)] by Pub. L. 95-568, §5(a)(2)(E), Nov. 2, 1978, 92 Stat. 2426, was subsequently repealed by Pub. L. 97-35, title VI, §683(a), Aug. 13, 1981, 95 Stat. 519.

CODIFICATION

“Job Training Partnership Act [29 U.S.C. 1501 et seq.]” substituted in text for “Comprehensive Employment Training Act of 1973 [29 U.S.C. 801 et seq.]” pursuant to section 183 of the Job Training Partnership Act, Pub. L. 97-300, title I, Oct. 13, 1982, 96 Stat. 1357, which is classified to section 1592 of Title 29, Labor, and which provided in part that references in any other statute to Comprehensive Employment and Training Act shall be deemed to refer to Job Training Partnership Act.

Section was enacted as a part of the National Energy Conservation Policy Act, and not as a part of the Energy Conservation and Production Act which comprises this chapter.

COMMUNITY SERVICES ADMINISTRATION

Community Services Administration, which was established by section 601 of Economic Opportunity Act of 1964, as amended (42 U.S.C. 2941), terminated when Economic Opportunity Act of 1964, Pub. L. 88-452, Aug. 20, 1964, 78 Stat. 508, as amended, was repealed, except for titles VIII and X, effective Oct. 1, 1981, by section 683(a) of Pub. L. 97-35, title VI, Aug. 13, 1981, 95 Stat. 519, which is classified to 42 U.S.C. 9912(a). An Office of Community Services, headed by a Director, was established in Department of Health and Human Services by section 676 of Pub. L. 97-35, which is classified to 42 U.S.C. 9905.

PART B—ENERGY CONSERVATION AND RENEWABLE-RESOURCE OBLIGATION GUARANTEES

CODIFICATION

This part was, in the original, designated part D and has been redesignated part B for purposes of codification.

§ 6881. Energy resource and renewable-resource obligation guarantee program

(a) Authorization; requirements for guarantees and commitments to guarantee; procedures

(1) The Secretary may, in accordance with this section and such rules as he shall prescribe after consultation with the Secretary of the Treasury, guarantee and issue commitments to guarantee the payment of the outstanding principal amount of any loan, note, bond, or other obligation evidencing indebtedness, if—

(A) such obligation is entered into or issued by any person or by any State, political subdivision of a State, or agency and instrumentality of either a State or political subdivision thereof; and

(B) the purpose of entering into or issuing such obligation is the financing of any energy

conservation measure or renewable-resource energy measure which is to be installed or otherwise implemented in any building or industrial plant owned or operated by the person or State, political subdivision of a State, or agency or instrumentality of either a State or political subdivision thereof, (i) which enters into or issues such obligation, or (ii) to which such measure is leased.

(2) No guarantee or commitment to guarantee may be issued under this subsection with respect to any obligation—

(A) which is a general obligation of a State; or

(B) which is entered into or issued for the purpose of financing any energy conservation measure or renewable-resource energy measure which is to be installed or otherwise implemented in a residential building containing 2 or fewer dwelling units.

(3) Before prescribing rules pursuant to this subsection, the Secretary shall consult with the Administrator of the Small Business Administration in order to formulate procedures which would assist small business concerns in obtaining guarantees and commitments to guarantee under this section.

(b) Preconditions for issuance of guarantees and commitments to guarantee

No obligation may be guaranteed, and no commitment to guarantee an obligation may be issued, under subsection (a) of this section, unless the Secretary finds that the measure which is to be financed by such obligation—

(1) has been identified by an energy audit to be an energy conservation measure or a renewable-resource energy measure; or

(2) is included on a list of energy conservation measures and renewable-resource energy measures which the Secretary publishes under section 6325(e)(1) of this title.

Before issuing a guarantee under subsection (a) of this section, the Secretary may require that an energy audit be conducted with respect to an energy conservation measure or a renewable-resource energy measure which is on a list described in paragraph (2) and which is to be financed by the obligation to be guaranteed under this section. The amount of any obligation which may be guaranteed under subsection (a) of this section may include the cost of an energy audit.

(c) Limitations on availability of guarantees; term of guarantees; aggregate outstanding principal amount of obligations of one borrower

(1) The Secretary shall limit the availability of a guarantee otherwise authorized by subsection (a) of this section to obligations entered into by or issued by borrowers who can demonstrate that financing is not otherwise available on reasonable terms and conditions to allow the measure to be financed.

(2) No obligation may be guaranteed by the Secretary under subsection (a) of this section unless the Secretary finds—

(A) there is a reasonable prospect for the repayment of such obligation; and

(B) in the case of an obligation issued by a person, such obligation constitutes a general obligation of such person for such guarantee.

(3) The term of any guarantee issued under subsection (a) of this section may not exceed 25 years.

(4) The aggregate outstanding principal amount which may be guaranteed under subsection (a) of this section at any one time with respect to obligations entered into or issued by any borrower may not exceed \$5,000,000.

(d) Limitations on original principal amount guaranteed; revocation of guarantees and commitments to guarantee; conclusiveness of guarantee

The original principal amount guaranteed under subsection (a) may not exceed 90 percent of the cost of the energy conservation measure or the renewable-resource energy measure financed by the obligation guaranteed under such subsection; except that such amount may not exceed 25 percent of the fair market value of the building or industrial plant being modified by such energy conservation measure or renewable-resource energy measure. No guarantee issued, and no commitment to guarantee, which is issued under subsection (a) of this section shall be terminated, canceled, or otherwise revoked except in accordance with reasonable terms and conditions prescribed by the Secretary, after consultation with the Secretary of the Treasury and the Comptroller General, and contained in the written guarantee or commitment to guarantee. The full faith and credit of the United States is pledged to the payment of all guarantees made under subsection (a) of this section. Any such guarantee made by the Secretary shall be conclusive evidence of the eligibility of the obligation involved for such guarantee, and the validity of any guarantee so made shall be incontestable in the hands of a holder of the guaranteed obligation except for fraud or material misrepresentation on the part of such holder.

(e) Information and assurances required prior to guarantees and commitments to guarantee; maintenance and availability of records; fees to borrowers; exceptions

(1) No guarantee and no commitment to guarantee may be issued under subsection (a) of this section unless the Secretary obtains any information reasonably requested and such assurances as are in his judgment (after consultation with the Secretary of the Treasury and the Comptroller General) reasonable to protect the interests of the United States and to assure that such guarantee or commitment to guarantee is consistent with and will further the purpose of this subchapter. The Secretary shall require that records be kept and made available to the Secretary or the Comptroller General, or any of their duly authorized representatives, in such detail and form as are determined necessary to facilitate (A) an effective financial audit of the energy conservation measure or renewable-resource energy measure investment involved, and (B) an adequate evaluation of the effectiveness of this section. The Secretary and the Comptroller General, or any of their duly authorized representatives, shall have access to pertinent

books, documents, papers, and records of any recipient of Federal assistance under this section.

(2) The Secretary may collect a fee from any borrower with respect to whose obligation a guarantee or commitment to guarantee is issued under subsection (a) of this section; except that the Secretary may waive any such fee with respect to any such borrower or class of borrowers. Fees shall be designed to recover the estimated administrative expenses incurred under this part; except that the total of the fees charged any such borrower may not exceed (A) one percent of the amount of the guarantee, or (B) one-half percent of the amount of the commitment to guarantee, whichever is greater. Any amount collected under this paragraph shall be deposited in the miscellaneous receipts of the Treasury.

(f) Default in payment of principal due under guaranteed obligation; procedures applicable

(1) If there is a default by the obligor in any payment of principal due under an obligation guaranteed under subsection (a) of this section, and if such default continues for 30 days, the holder of such obligation or his agent has the right to demand payment by the Secretary of the unpaid principal of such obligation, consistent with the terms of the guarantee of such obligation. Such payment may be demanded within such period as may be specified in the guarantee or related agreements, which period shall expire not later than 90 days from the date of such default. If demand occurs within such specified period, then not later than 60 days from the date of such demand, the Secretary shall pay to such holder the unpaid principal of such obligation, consistent with the terms of the guarantee of such obligation; except that (A) the Secretary shall not be required to make any such payment if he finds, prior to the expiration of the 60-day period beginning on the date on which the demand is made, that there was no default by the obligor in the payment of principal or that such default has been remedied, and (B) no such holder shall receive payment or be entitled to retain payment in a total amount which together with any other recovery (including any recovery based upon any security interest) exceeds the actual loss of principal by such holder.

(2) If the Secretary makes payment to a holder under paragraph (1), the Secretary shall thereupon—

(A) have all of the rights granted to him by law or agreement with the obligor; and

(B) be subrogated to all of the rights which were granted such holder, by law, assignment, or security agreement applicable to the guaranteed obligation.

(3) The Secretary may, in his discretion, take possession of, complete, recondition, reconstruct, renovate, repair, maintain, operate, remove, charter, rent, sell, or otherwise dispose of any property or other interests obtained by him pursuant to this subsection. The terms of any such sale or other disposition shall be as approved by the Secretary.

(4) If there is a default by the obligor in any payment due under an obligation guaranteed under subsection (a) of this section, the Secretary shall take such action against such obli-

gor or any other person as is, in his discretion, necessary or appropriate to protect the interests of the United States. Such an action may be brought in the name of the United States or in the name of the holder of such obligation. Such holder shall make available to the Secretary all records and evidence necessary to prosecute any such suit. The Secretary may, in his discretion, accept a conveyance of property in full or partial satisfaction of any sums owed to him. If the Secretary receives, through the sale of property, an amount greater than his cost and the amount paid to the holder under paragraph (1), he shall pay such excess to the obligor.

(g) Limitation on aggregate outstanding principal amount of obligations guaranteed; time limitation on guarantees and commitments to guarantee; authorization of appropriations

(1) The aggregate outstanding principal amount of obligations which may be guaranteed under this section may not at any one time exceed \$2,000,000,000. No guarantee or commitment to guarantee may be issued under subsection (a) of this section after September 30, 1979.

(2) There is authorized to be appropriated for the payment of amounts to be paid under subsection (f) of this section, not to exceed \$60,000,000. Any amount appropriated pursuant to this paragraph shall remain available until expended.

(3) There is authorized to be appropriated to carry out the provisions of this part, including administrative costs, but not for the payment of amounts to be paid under subsection (f) of this section—

(A) for the fiscal year ending September 30, 1977, not to exceed \$1,836,000; and

(B) for the fiscal year ending September 30, 1978, not to exceed \$4,950,000.

(h) Wages paid laborers and mechanics; labor standards

All laborers and mechanics employed in construction, alteration, or repair which is financed by an obligation guaranteed under subsection (a) of this section shall be paid wages at rates not less than those prevailing on similar construction in the locality, as determined by the Secretary of Labor in accordance with the Davis-Bacon Act [40 U.S.C. 276a et seq.]. The Secretary shall not guarantee any obligations under subsection (a) of this section without first obtaining adequate assurance that these labor standards will be maintained during such construction, alteration, or repair. The Secretary of Labor shall, with respect to the labor standards in this subsection, have the authority and functions set forth in Reorganization Plan Numbered 14 of 1950 and section 276c of title 40.

(i) Definitions

As used in this part:

(1) The term “Secretary” means the Secretary of Energy.

(2) The term “Comptroller General” means the Comptroller General of the United States.

(3) The terms “energy audit”, “energy conservation measure”, “renewable-resource energy measure”, “building”, and “industrial plant” have the meanings prescribed for such terms in section 6326 of this title.

(Pub. L. 94-385, title IV, §451, Aug. 14, 1976, 90 Stat. 1165; Pub. L. 95-70, §5, July 21, 1977, 91 Stat. 277; Pub. L. 95-91, title III, §301(a), title VII, §§703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607.)

REFERENCES IN TEXT

This subchapter, referred to in subsec. (e)(1), was in the original “this title”, meaning title IV of Pub. L. 94-385, known as the Energy Conservation in Existing Buildings Act of 1976, which enacted this subchapter, section 6327 of this title, and section 1701z-8 of Title 12, Banks and Banking, amended sections 6323, 6325, and 6326 of this title, and enacted provisions set out as a note under section 6801 of this title. For complete classification of this Act to the Code, see Short Title note set out under section 6801 of this title and Tables.

The Davis-Bacon Act, referred to in subsec. (h), is act Mar. 3, 1931, ch. 411, 46 Stat. 1494, as amended, which is classified generally to sections 276a to 276a-5 of Title 40, Public Buildings, Property, and Works. For complete classification of this Act to the Code, see Short Title note set out under section 276a of Title 40 and Tables.

Reorganization Plan Numbered 14 of 1950, referred to in subsec. (h), is set out in the Appendix to Title 5, Government Organization and Employees.

CODIFICATION

In subsec. (i)(1), “The term ‘Secretary’ means the Secretary of Energy” substituted for “The term ‘Administrator’ means the Administrator of the Federal Energy Administration; except that after such Administration ceases to exist, such term means any officer of the United States designated by the President for purposes of this part” in view of termination of Federal Energy Administration and transfer of its functions and functions of Administrator thereof (with certain exceptions) to Secretary of Energy pursuant to sections 301(a), 703, and 707 of Pub. L. 95-91, which are classified to sections 7151(a), 7293, and 7297 of this title.

AMENDMENTS

1977—Subsec. (g)(3). Pub. L. 95-70 added par. (3).

TRANSFER OF FUNCTIONS

“Secretary”, meaning Secretary of Energy, substituted for “Administrator”, meaning Administrator of Federal Energy Administration, in subsecs. (a) to (f) and (h) pursuant to sections 301(a), 703, and 707 of Pub. L. 95-91, which are classified to sections 7151(a), 7293, and 7297 of this title and which terminated Federal Energy Administration and transferred its functions and functions of Administrator thereof (with certain exceptions) to Secretary of Energy.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6325 of this title.

PART C—MISCELLANEOUS PROVISIONS

CODIFICATION

This part was, in the original, designated Part E and has been redesignated Part C for purposes of codification.

§ 6891. Exchange of energy information among the States

The Secretary of Energy shall (through conferences, publications, and other appropriate means) encourage and facilitate the exchange of information among the States with respect to energy conservation and increased use of non-depletable energy sources.

(Pub. L. 94-385, title IV, §461, Aug. 14, 1976, 90 Stat. 1168; Pub. L. 95-91, title III, §301(a), title VII, §703, Aug. 4, 1977, 91 Stat. 577, 606.)

TRANSFER OF FUNCTIONS

“Secretary of Energy” substituted in text for “Administrator”, meaning Administrator of Federal Energy Administration, pursuant to sections 301(a), 703, and 707 of Pub. L. 95–91, which are classified to sections 7151(a), 7293, and 7297 of this title and which terminated Federal Energy Administration and transferred its functions and functions of Administrator thereof (with certain exceptions) to Secretary of Energy.

§ 6892. Annual report to Congress by Comptroller General

(a) Requirements; access to information

For each fiscal year ending before October 1, 1979, the Comptroller General shall report to the Congress on the activities of the Secretary of Energy and the Secretary under this subchapter and any amendments to other statutes made by this subchapter. The provisions of section 771 of title 15 (relating to access by the Comptroller General to books, documents, papers, statistics, data, records, and information in the possession of the Secretary of Energy or of recipients of Federal funds) shall apply to data which relate to such activities.

(b) Contents of report

Each report submitted by the Comptroller General under subsection (a) of this section shall include—

- (1) an accounting, by State, of expenditures of Federal funds under each program authorized by this subchapter or by amendments made by this subchapter;
- (2) an estimate of the energy savings which have resulted thereby;
- (3) a thorough evaluation of the effectiveness of the programs authorized by this subchapter or by amendments made by this title in achieving the energy conservation or renewable resource potential available in the sectors and regions affected by such programs;
- (4) a review of the extent and effectiveness of compliance monitoring of programs established by this subchapter or by amendments made by this title and any evidence as to the occurrence of fraud with respect to such programs; and
- (5) the recommendations of the Comptroller General with respect to (A) improvements in the administration of programs authorized by this subchapter or by amendments made by this subchapter, and (B) additional legislation, if any, which is needed to achieve the purposes of this subchapter.

(c) Definitions

As used in this part:

- (1) Omitted
 - (2) The term “Comptroller General” means the Comptroller General of the United States.
 - (3) The term “Secretary” means the Secretary of Housing and Urban Development.
- (Pub. L. 94–385, title IV, § 462, Aug. 14, 1976, 90 Stat. 1168; Pub. L. 95–91, title III, § 301(a), title VII, §§ 703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607.)

REFERENCES IN TEXT

This subchapter, referred to in subsecs. (a), and (b)(1), (3), (4), (5), was in the original “this title”, meaning title IV of Pub. L. 94–385 which enacted this subchapter,

section 6327 of this title, and section 1701z–8 of Title 12, Banks and Banking, amended sections 6323, 6325, and 6326 of this title, and enacted provisions set out as a note under section 6801 of this title.

CODIFICATION

Subsec. (c)(1) of this section which read “The term ‘Administrator’ means the Administrator of the Federal Energy Administration; except that after such Administration ceases to exist, such term means any officer of the United States designated by the President for purposes of this part” has been omitted in view of termination of Federal Energy Administration and transfer of its functions and functions of Administrator thereof (with certain exceptions) to Secretary of Energy pursuant to sections 301(a), 703, and 707 of Pub. L. 95–91, which are classified to sections 7151(a), 7293, and 7297 of this title and the fact that the term “Secretary” is defined for the purposes of this subchapter by par. (3) of this section. In this part, “Secretary of Energy” has been substituted for “Administrator” wherever it appears.

TRANSFER OF FUNCTIONS

“Secretary of Energy” substituted for “Administrator”, meaning Administrator of Federal Energy Administration, in subsec. (a) pursuant to sections 301(a), 703, and 707 of Pub. L. 95–91, which are classified to sections 7151(a), 7293, and 7297 of this title and which terminated Federal Energy Administration and transferred its functions and functions of Administrator thereof (with certain exceptions) to Secretary of Energy.

CHAPTER 82—SOLID WASTE DISPOSAL

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CHAPTER REFERRED TO IN OTHER SECTIONS

This chapter is referred to in sections 300h–6, 300h–7, 2022, 2114, 4365, 4368b, 5919, 7412, 7429, 8302, 9601, 9604, 9613, 9614, 9619, 6920, 9621, 9659, 9660 of this title; title 7 section 136q; title 10 sections 2708, 7311; title 18 section 1956; title 20 section 1132a; title 25 section 3908; title 26 section 468; title 30 section 1292; title 33 sections 1319, 2602, 2622, 2718; title 49 section 14901.

SUBCHAPTER I—GENERAL PROVISIONS

§ 6901. Congressional findings

(a) Solid waste

The Congress finds with respect to solid waste—

- (1) that the continuing technological progress and improvement in methods of manufacture, packaging, and marketing of con-

sumer products has resulted in an ever-mounting increase, and in a change in the characteristics, of the mass material discarded by the purchaser of such products;

(2) that the economic and population growth of our Nation, and the improvements in the standard of living enjoyed by our population, have required increased industrial production to meet our needs, and have made necessary the demolition of old buildings, the construction of new buildings, and the provision of highways and other avenues of transportation, which, together with related industrial, commercial, and agricultural operations, have resulted in a rising tide of scrap, discarded, and waste materials;

(3) that the continuing concentration of our population in expanding metropolitan and other urban areas has presented these communities with serious financial, management, intergovernmental, and technical problems in the disposal of solid wastes resulting from the industrial, commercial, domestic, and other activities carried on in such areas;

(4) that while the collection and disposal of solid wastes should continue to be primarily the function of State, regional, and local agencies, the problems of waste disposal as set forth above have become a matter national in scope and in concern and necessitate Federal action through financial and technical assistance and leadership in the development, demonstration, and application of new and improved methods and processes to reduce the amount of waste and unsalvageable materials and to provide for proper and economical solid waste disposal practices.

(b) Environment and health

The Congress finds with respect to the environment and health, that—

(1) although land is too valuable a national resource to be needlessly polluted by discarded materials, most solid waste is disposed of on land in open dumps and sanitary landfills;

(2) disposal of solid waste and hazardous waste in or on the land without careful planning and management can present a danger to human health and the environment;

(3) as a result of the Clean Air Act [42 U.S.C. 7401 et seq.], the Water Pollution Control Act [33 U.S.C. 1251 et seq.], and other Federal and State laws respecting public health and the environment, greater amounts of solid waste (in the form of sludge and other pollution treatment residues) have been created. Similarly, inadequate and environmentally unsound practices for the disposal or use of solid waste have created greater amounts of air and water pollution and other problems for the environment and for health;

(4) open dumping is particularly harmful to health, contaminates drinking water from underground and surface supplies, and pollutes the air and the land;

(5) the placement of inadequate controls on hazardous waste management will result in substantial risks to human health and the environment;

(6) if hazardous waste management is improperly performed in the first instance, cor-

rective action is likely to be expensive, complex, and time consuming;

(7) certain classes of land disposal facilities are not capable of assuring long-term containment of certain hazardous wastes, and to avoid substantial risk to human health and the environment, reliance on land disposal should be minimized or eliminated, and land disposal, particularly landfill and surface impoundment, should be the least favored method for managing hazardous wastes; and

(8) alternatives to existing methods of land disposal must be developed since many of the cities in the United States will be running out of suitable solid waste disposal sites within five years unless immediate action is taken.

(c) Materials

The Congress finds with respect to materials, that—

(1) millions of tons of recoverable material which could be used are needlessly buried each year;

(2) methods are available to separate usable materials from solid waste; and

(3) the recovery and conservation of such materials can reduce the dependence of the United States on foreign resources and reduce the deficit in its balance of payments.

(d) Energy

The Congress finds with respect to energy, that—

(1) solid waste represents a potential source of solid fuel, oil, or gas that can be converted into energy;

(2) the need exists to develop alternative energy sources for public and private consumption in order to reduce our dependence on such sources as petroleum products, natural gas, nuclear and hydroelectric generation; and

(3) technology exists to produce usable energy from solid waste.

(Pub. L. 89-272, title II, §1002, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2796; amended Pub. L. 95-609, §7(a), Nov. 8, 1978, 92 Stat. 3081; Pub. L. 98-616, title I, §101(a), Nov. 8, 1984, 98 Stat. 3224.)

REFERENCES IN TEXT

The Clean Air Act, referred to in subsec. (b)(3), is act July 14, 1955, ch. 360, 69 Stat. 322, as amended, which is classified generally to chapter 85 (§7401 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 7401 of this title and Tables.

The Water Pollution Control Act, referred to in subsec. (b)(3), is act June 30, 1948, ch. 758, as amended generally by Pub. L. 92-500, §2, Oct. 18, 1972, 86 Stat. 816, which is classified generally to chapter 26 (§1251 et seq.) of Title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short Title note set out under section 1251 of Title 33 and Tables.

CODIFICATION

The statutory system governing the disposal of solid wastes set out in this chapter is found in Pub. L. 89-272, title II, as amended in its entirety and completely revised by section 2 of Pub. L. 94-580, Oct. 21, 1976, 90 Stat. 2795. See Short Title of 1976 Amendment note below.

The act, as set out in this chapter, carries a statutory credit showing the sections as having been added by Pub. L. 94-580, without reference to amendments to the

act between its original enactment in 1965 and its complete revision in 1976. The act, as originally enacted in 1965, was classified to section 3251 et seq. of this title. For a recapitulation of the provisions of the act as originally enacted, see notes in chapter 39 (§3251 et seq.) of this title where the act was originally set out.

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3251 of this title prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

AMENDMENTS

1984—Subsec. (b)(5) to (8). Pub. L. 98-616 added pars. (5) to (7), struck out former par. (5) providing that “hazardous waste presents, in addition to the problems associated with non-hazardous solid waste, special dangers to health and requires a greater degree of regulation than does non-hazardous solid waste; and”, redesignated former par. (6) as (8), and substituted a period for the semicolon at end.

1978—Subsec. (a)(4). Pub. L. 95-609 substituted “solid waste” for “solid-waste”.

SHORT TITLE OF 1992 AMENDMENT

Pub. L. 102-386, title I, §101, Oct. 6, 1992, 106 Stat. 1505, provided that: “This title [enacting sections 6908, 6939c to 6939e, and 6965 of this title, amending sections 6903, 6924, 6927, and 6961 of this title, and enacting provisions set out as notes under sections 6939c and 6961 of this title] may be cited as the ‘Federal Facility Compliance Act of 1992’.”

SHORT TITLE OF 1988 AMENDMENT

Pub. L. 100-582, §1, Nov. 1, 1988, 102 Stat. 2950, provided that: “This Act [enacting sections 6992 to 6992k of this title and section 3063 of Title 18, Crimes and Criminal Procedure, and amending section 6903 of this title] may be cited as the ‘Medical Waste Tracking Act of 1988’.”

SHORT TITLE OF 1984 AMENDMENT

Section 1 of Pub. L. 98-616 provided that: “This Act [enacting sections 6917, 6936 to 6939a, 6949a, 6979a, 6979b, and 6991 to 6991i of this title, amending this section and sections 6902, 6905, 6912, 6915, 6916, 6921 to 6933, 6935, 6941 to 6945, 6948, 6956, 6962, 6972, 6973, 6976, 6982 and 6984 of this title and enacting provisions set out as notes under sections 6905, 6921 and 6926 of this title] may be cited as ‘The Hazardous and Solid Waste Amendments of 1984’.”

SHORT TITLE OF 1980 AMENDMENTS

Pub. L. 96-482, §1, Oct. 21, 1980, 94 Stat. 2334, provided: “This Act [enacting sections 6933, 6934, 6941a, 6955, and 6956 of this title, amending sections 6903, 6905, 6911, 6912, 6916, 6921, 6922, 6924, 6925, 6927 to 6931, 6941 to 6943, 6945, 6946, 6948, 6949, 6952, 6953, 6962, 6963, 6964, 6971, 6973, 6974, 6976, 6979, and 6982 of this title; and enacting and repealing provisions set out as a note under section 6981 of this title] may be cited as the ‘Solid Waste Disposal Act Amendments of 1980’.”

Pub. L. 96-463, §1, Oct. 15, 1980, 94 Stat. 2055, provided: “This Act [enacting sections 6901a, 6914a and 6932 of this title, amending sections 6903, 6943 and 6948 of this title, and enacting provisions set out as notes under sections 6363 and 6932 of this title] may be cited as the ‘Used Oil Recycling Act of 1980’.”

SHORT TITLE OF 1976 AMENDMENT

Section 1 of Pub. L. 94-580 provided that: “This Act [enacting this chapter and provisions set out as notes under this section and section 6981 of this title] may be cited as the ‘Resource Conservation and Recovery Act of 1976’.”

SHORT TITLE

Section 1001 of Pub. L. 89-272, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2795, provided in part that title

II of Pub. L. 89-272 [enacting this chapter] may be cited as the "Solid Waste Disposal Act".

FEDERAL COMPLIANCE WITH POLLUTION CONTROL STANDARDS

For provisions relating to the responsibility of the head of each Executive agency for compliance with applicable pollution control standards, see Ex. Ord. No. 12088, Oct. 13, 1978, 43 F.R. 47707, set out as a note under section 4321 of this title.

NATIONAL COMMISSION ON MATERIALS POLICY

Pub. L. 91-512, title II, §§201-206, Oct. 26, 1970, 84 Stat. 1234, known as the "National Materials Policy Act of 1970", provided for the establishment of the National Commission on Materials Policy to make a full investigation and study for the purpose of developing a national materials policy to utilize present resources and technology more efficiently and to anticipate the future materials requirements of the Nation and the world, the Commission to submit to the President and Congress a report on its findings and recommendations no later than June 30, 1973, ninety days after the submission of which it should cease to exist.

§ 6901a. Congressional findings: used oil recycling

The Congress finds and declares that—

- (1) used oil is a valuable source of increasingly scarce energy and materials;
- (2) technology exists to re-refine, reprocess, reclaim, and otherwise recycle used oil;
- (3) used oil constitutes a threat to public health and the environment when reused or disposed of improperly; and

that, therefore, it is in the national interest to recycle used oil in a manner which does not constitute a threat to public health and the environment and which conserves energy and materials.

(Pub. L. 96-463, §2, Oct. 15, 1980, 94 Stat. 2055.)

CODIFICATION

Section was enacted as part of the Used Oil Recycling Act of 1980, and not as part of the Solid Waste Disposal Act which comprises this chapter.

§ 6902. Objectives and national policy

(a) Objectives

The objectives of this chapter are to promote the protection of health and the environment and to conserve valuable material and energy resources by—

- (1) providing technical and financial assistance to State and local governments and interstate agencies for the development of solid waste management plans (including resource recovery and resource conservation systems) which will promote improved solid waste management techniques (including more effective organizational arrangements), new and improved methods of collection, separation, and recovery of solid waste, and the environmentally safe disposal of nonrecoverable residues;
- (2) providing training grants in occupations involving the design, operation, and maintenance of solid waste disposal systems;
- (3) prohibiting future open dumping on the land and requiring the conversion of existing open dumps to facilities which do not pose a danger to the environment or to health;

(4) assuring that hazardous waste management practices are conducted in a manner which protects human health and the environment;

(5) requiring that hazardous waste be properly managed in the first instance thereby reducing the need for corrective action at a future date;

(6) minimizing the generation of hazardous waste and the land disposal of hazardous waste by encouraging process substitution, materials recovery, properly conducted recycling and reuse, and treatment;

(7) establishing a viable Federal-State partnership to carry out the purposes of this chapter and insuring that the Administrator will, in carrying out the provisions of subchapter III of this chapter, give a high priority to assisting and cooperating with States in obtaining full authorization of State programs under subchapter III of this chapter;

(8) providing for the promulgation of guidelines for solid waste collection, transport, separation, recovery, and disposal practices and systems;

(9) promoting a national research and development program for improved solid waste management and resource conservation techniques, more effective organizational arrangements, and new and improved methods of collection, separation, and recovery, and recycling of solid wastes and environmentally safe disposal of nonrecoverable residues;

(10) promoting the demonstration, construction, and application of solid waste management, resource recovery, and resource conservation systems which preserve and enhance the quality of air, water, and land resources; and

(11) establishing a cooperative effort among the Federal, State, and local governments and private enterprise in order to recover valuable materials and energy from solid waste.

(b) National policy

The Congress hereby declares it to be the national policy of the United States that, wherever feasible, the generation of hazardous waste is to be reduced or eliminated as expeditiously as possible. Waste that is nevertheless generated should be treated, stored, or disposed of so as to minimize the present and future threat to human health and the environment.

(Pub. L. 89-272, title II, §1003, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2798; amended Pub. L. 98-616, title I, §101(b), Nov. 8, 1984, 98 Stat. 3224.)

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3251 of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

AMENDMENTS

1984—Subsec. (a). Pub. L. 98-616, §101(b)(1), designated existing provisions as subsec. (a).

Subsec. (a)(4) to (11). Pub. L. 98-616, §101(b)(2), struck out par. (4) which provided for regulating the treatment, storage, transportation, and disposal of hazardous wastes which have adverse effects on health and the environment, added pars. (4) to (7), and redesignated former pars. (5) to (8) as (8) to (11), respectively.

Subsec. (b). Pub. L. 98-616, §101(b)(1), added subsec. (b).

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6982 of this title.

§ 6903. Definitions

As used in this chapter:

(1) The term “Administrator” means the Administrator of the Environmental Protection Agency.

(2) The term “construction,” with respect to any project of construction under this chapter, means (A) the erection or building of new structures and acquisition of lands or interests therein, or the acquisition, replacement, expansion, remodeling, alteration, modernization, or extension of existing structures, and (B) the acquisition and installation of initial equipment of, or required in connection with, new or newly acquired structures or the expanded, remodeled, altered, modernized or extended part of existing structures (including trucks and other motor vehicles, and tractors, cranes, and other machinery) necessary for the proper utilization and operation of the facility after completion of the project; and includes preliminary planning to determine the economic and engineering feasibility and the public health and safety aspects of the project, the engineering, architectural, legal, fiscal, and economic investigations and studies, and any surveys, designs, plans, working drawings, specifications, and other action necessary for the carrying out of the project, and (C) the inspection and supervision of the process of carrying out the project to completion.

(2A) The term “demonstration” means the initial exhibition of a new technology process or practice or a significantly new combination or use of technologies, processes or practices, subsequent to the development stage, for the purpose of proving technological feasibility and cost effectiveness.

(3) The term “disposal” means the discharge, deposit, injection, dumping, spilling, leaking, or placing of any solid waste or hazardous waste into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including ground waters.

(4) The term “Federal agency” means any department, agency, or other instrumentality of the Federal Government, any independent agency or establishment of the Federal Government including any Government corporation, and the Government Printing Office.

(5) The term “hazardous waste” means a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may—

(A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or

(B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.

(6) The term “hazardous waste generation” means the act or process of producing hazardous waste.

(7) The term “hazardous waste management” means the systematic control of the collection, source separation, storage, transportation, processing, treatment, recovery, and disposal of hazardous wastes.

(8) For purposes of Federal financial assistance (other than rural communities assistance), the term “implementation” does not include the acquisition, leasing, construction, or modification of facilities or equipment or the acquisition, leasing, or improvement of land.

(9) The term “intermunicipal agency” means an agency established by two or more municipalities with responsibility for planning or administration of solid waste.

(10) The term “interstate agency” means an agency of two or more municipalities in different States, or an agency established by two or more States, with authority to provide for the management of solid wastes and serving two or more municipalities located in different States.

(11) The term “long-term contract” means, when used in relation to solid waste supply, a contract of sufficient duration to assure the viability of a resource recovery facility (to the extent that such viability depends upon solid waste supply).

(12) The term “manifest” means the form used for identifying the quantity, composition, and the origin, routing, and destination of hazardous waste during its transportation from the point of generation to the point of disposal, treatment, or storage.

(13) The term “municipality” (A) means a city, town, borough, county, parish, district, or other public body created by or pursuant to State law, with responsibility for the planning or administration of solid waste management, or an Indian tribe or authorized tribal organization or Alaska Native village or organization, and (B) includes any rural community or unincorporated town or village or any other public entity for which an application for assistance is made by a State or political subdivision thereof.

(14) The term “open dump” means any facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 6944 of this title and which is not a facility for disposal of hazardous waste.

(15) The term “person” means an individual, trust, firm, joint stock company, corporation (including a government corporation), partnership, association, State, municipality, commission, political subdivision of a State, or any interstate body and shall include each department, agency, and instrumentality of the United States.

(16) The term “procurement item” means any device, good, substance, material, product, or other item whether real or personal property which is the subject of any purchase, barter, or other exchange made to procure such item.

(17) The term “procuring agency” means any Federal agency, or any State agency or agency of a political subdivision of a State which is using appropriated Federal funds for such pro-

curement, or any person contracting with any such agency with respect to work performed under such contract.

(18) The term “recoverable” refers to the capability and likelihood of being recovered from solid waste for a commercial or industrial use.

(19) The term “recovered material” means waste material and byproducts which have been recovered or diverted from solid waste, but such term does not include those materials and byproducts generated from, and commonly reused within, an original manufacturing process.

(20) The term “recovered resources” means material or energy recovered from solid waste.

(21) The term “resource conservation” means reduction of the amounts of solid waste that are generated, reduction of overall resource consumption, and utilization of recovered resources.

(22) The term “resource recovery” means the recovery of material or energy from solid waste.

(23) The term “resource recovery system” means a solid waste management system which provides for collection, separation, recycling, and recovery of solid wastes, including disposal of nonrecoverable waste residues.

(24) The term “resource recovery facility” means any facility at which solid waste is processed for the purpose of extracting, converting to energy, or otherwise separating and preparing solid waste for reuse.

(25) The term “regional authority” means the authority established or designated under section 6946 of this title.

(26) The term “sanitary landfill” means a facility for the disposal of solid waste which meets the criteria published under section 6944 of this title.

(26A) The term “sludge” means any solid, semisolid or liquid waste generated from a municipal, commercial, or industrial wastewater treatment plant, water supply treatment plant, or air pollution control facility or any other such waste having similar characteristics and effects.

(27) The term “solid waste” means any garbage, refuse, sludge from a waste treatment plant, water supply treatment plant, or air pollution control facility and other discarded material, including solid, liquid, semisolid, or contained gaseous material resulting from industrial, commercial, mining, and agricultural operations, and from community activities, but does not include solid or dissolved material in domestic sewage, or solid or dissolved materials in irrigation return flows or industrial discharges which are point sources subject to permits under section 1342 of title 33, or source, special nuclear, or byproduct material as defined by the Atomic Energy Act of 1954, as amended (68 Stat. 923) [42 U.S.C. 2011 et seq.].

(28) The term “solid waste management” means the systematic administration of activities which provide for the collection, source separation, storage, transportation, transfer, processing, treatment, and disposal of solid waste.

(29) The term “solid waste management facility” includes—

(A) any resource recovery system or component thereof,

(B) any system, program, or facility for resource conservation, and

(C) any facility for the collection, source separation, storage, transportation, transfer, processing, treatment or disposal of solid wastes, including hazardous wastes, whether such facility is associated with facilities generating such wastes or otherwise.

(30) The terms “solid waste planning”, “solid waste management”, and “comprehensive planning” include planning or management respecting resource recovery and resource conservation.

(31) The term “State” means any of the several States, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands.

(32) The term “State authority” means the agency established or designated under section 6947 of this title.

(33) The term “storage”, when used in connection with hazardous waste, means the containment of hazardous waste, either on a temporary basis or for a period of years, in such a manner as not to constitute disposal of such hazardous waste.

(34) The term “treatment”, when used in connection with hazardous waste, means any method, technique, or process, including neutralization, designed to change the physical, chemical, or biological character or composition of any hazardous waste so as to neutralize such waste or so as to render such waste nonhazardous, safer for transport, amenable for recovery, amenable for storage, or reduced in volume. Such term includes any activity or processing designed to change the physical form or chemical composition of hazardous waste so as to render it nonhazardous.

(35) The term “virgin material” means a raw material, including previously unused copper, aluminum, lead, zinc, iron, or other metal or metal ore, any undeveloped resource that is, or with new technology will become, a source of raw materials.

(36) The term “used oil” means any oil which has been—

(A) refined from crude oil,

(B) used, and

(C) as a result of such use, contaminated by physical or chemical impurities.

(37) The term “recycled oil” means any used oil which is reused, following its original use, for any purpose (including the purpose for which the oil was originally used). Such term includes oil which is re-refined, reclaimed, burned, or reprocessed.

(38) The term “lubricating oil” means the fraction of crude oil which is sold for purposes of reducing friction in any industrial or mechanical device. Such term includes re-refined oil.

(39) The term “re-refined oil” means used oil from which the physical and chemical contaminants acquired through previous use have been removed through a refining process.

(40) Except as otherwise provided in this paragraph, the term “medical waste” means any solid waste which is generated in the diagnosis, treatment, or immunization of human beings or animals, in research pertaining thereto, or in the production or testing of biologicals. Such

term does not include any hazardous waste identified or listed under subchapter III of this chapter or any household waste as defined in regulations under subchapter III of this chapter.

(41) The term “mixed waste” means waste that contains both hazardous waste and source, special nuclear, or by-product material subject to the Atomic Energy Act of 1954 (42 U.S.C. 2011 et seq.).

(Pub. L. 89-272, title II, §1004, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2798; amended Pub. L. 95-609, §7(b), Nov. 8, 1978, 92 Stat. 3081; Pub. L. 96-463, §3, Oct. 15, 1980, 94 Stat. 2055; Pub. L. 96-482, §2, Oct. 21, 1980, 94 Stat. 2334; Pub. L. 100-582, §3, Nov. 1, 1988, 102 Stat. 2958; Pub. L. 102-386, title I, §§103, 105(b), Oct. 6, 1992, 106 Stat. 1507, 1512.)

REFERENCES IN TEXT

The Atomic Energy Act of 1954, referred to in pars. (27) and (41), is act Aug. 30, 1954, ch. 1073, 68 Stat. 921, as amended, which is classified generally to chapter 23 (§2011 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 2011 of this title and Tables.

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3252 of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

AMENDMENTS

1992—Par. (15). Pub. L. 102-386, §103, inserted before period at end “and shall include each department, agency, and instrumentality of the United States”.

Par. (41). Pub. L. 102-386, §105(b), added par. (41).

1988—Par. (40). Pub. L. 100-582 added par. (40).

1980—Par. (14). Pub. L. 96-482, §2(a), defined “open dump” to include a facility, substituted requirement that disposal facility or site not be a sanitary landfill meeting section 6944 of this title criteria for prior requirement that disposal site not be a sanitary landfill within meaning of section 6944 of this title, and required that the disposal facility or site not be a facility for disposal of hazardous waste.

Par. (19). Pub. L. 96-482, §2(b), defined “recovered material” to cover byproducts, substituted provision for recovery or diversion of waste material and byproducts from solid waste for prior provision for collection or recovery of material from solid waste, and excluded materials and byproducts generated from and commonly reused within an original manufacturing process.

Pars. (36) to (39). Pub. L. 96-463, §3, added pars. (36) to (39).

1978—Par. (8). Pub. L. 95-609, §7(b)(1), struck out provision stating that employees’ salaries due pursuant to subchapter IV of this chapter would not be included after Dec. 31, 1979.

Par. (10). Pub. L. 95-609, §7(b)(2), substituted “management” for “disposal”.

Par. (29)(C). Pub. L. 95-609, §7(b)(3), substituted “the collection, source separation, storage, transportation, transfer, processing, treatment or disposal” for “the treatment”.

TRANSFER OF FUNCTIONS

Enforcement functions of Administrator or other official of Environmental Protection Agency related to compliance with resource conservation and recovery permits used under this chapter with respect to preconstruction, construction, and initial operation of transportation system for Canadian and Alaskan natural gas transferred to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, until first anniversary of date of initial

operation of Alaska Natural Gas Transportation System, see Reorg. Plan No. 1 of 1979, eff. July 1, 1979, §§102(a), 203(a), 44 F.R. 33663, 33666, 93 Stat. 1373, 1376, set out in the Appendix to Title 5, Government Organization and Employees. Office of Federal Inspector for the Alaska Natural Gas Transportation System abolished and functions and authority vested in Inspector transferred to Secretary of Energy by section 3012(b) of Pub. L. 102-486, set out as an Abolition of Office of Federal Inspector note under section 719e of Title 15, Commerce and Trade.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 5919, 6921, 6939e, 6991, 9601, 9614 of this title; title 10 section 2708; title 25 section 3902; title 26 section 4662; title 33 section 2601; title 46 App. section 883; title 49 section 5702.

§ 6904. Governmental cooperation

(a) Interstate cooperation

The provisions of this chapter to be carried out by States may be carried out by interstate agencies and provisions applicable to States may apply to interstate regions where such agencies and regions have been established by the respective States and approved by the Administrator. In any such case, action required to be taken by the Governor of a State, respecting regional designation shall be required to be taken by the Governor of each of the respective States with respect to so much of the interstate region as is within the jurisdiction of that State.

(b) Consent of Congress to compacts

The consent of the Congress is hereby given to two or more States to negotiate and enter into agreements or compacts, not in conflict with any law or treaty of the United States, for—

(1) cooperative effort and mutual assistance for the management of solid waste or hazardous waste (or both) and the enforcement of their respective laws relating thereto, and

(2) the establishment of such agencies, joint or otherwise, as they may deem desirable for making effective such agreements or compacts.

No such agreement or compact shall be binding or obligatory upon any State a party thereto unless it is agreed upon by all parties to the agreement and until it has been approved by the Administrator and the Congress.

(Pub. L. 89-272, title II, §1005, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2801.)

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6905. Application of chapter and integration with other Acts

(a) Application of chapter

Nothing in this chapter shall be construed to apply to (or to authorize any State, interstate, or local authority to regulate) any activity or substance which is subject to the Federal Water Pollution Control Act [33 U.S.C. 1251 et seq.], the

Safe Drinking Water Act [42 U.S.C. 300f et seq.], the Marine Protection, Research and Sanctuaries Act of 1972 [16 U.S.C. 1431 et seq., 1447 et seq., 33 U.S.C. 1401 et seq., 2801 et seq.], or the Atomic Energy Act of 1954 [42 U.S.C. 2011 et seq.] except to the extent that such application (or regulation) is not inconsistent with the requirements of such Acts.

(b) Integration with other Acts

(1) The Administrator shall integrate all provisions of this chapter for purposes of administration and enforcement and shall avoid duplication, to the maximum extent practicable, with the appropriate provisions of the Clean Air Act [42 U.S.C. 7401 et seq.], the Federal Water Pollution Control Act [33 U.S.C. 1251 et seq.], the Federal Insecticide, Fungicide, and Rodenticide Act [7 U.S.C. 136 et seq.], the Safe Drinking Water Act [42 U.S.C. 300f et seq.], the Marine Protection, Research and Sanctuaries Act of 1972 [16 U.S.C. 1431 et seq., 1447 et seq., 33 U.S.C. 1401 et seq., 2801 et seq.], and such other Acts of Congress as grant regulatory authority to the Administrator. Such integration shall be effected only to the extent that it can be done in a manner consistent with the goals and policies expressed in this chapter and in the other acts referred to in this subsection.

(2)(A) As promptly as practicable after November 8, 1984, the Administrator shall submit a report describing—

- (i) the current data and information available on emissions of polychlorinated dibenzop-dioxins from resource recovery facilities burning municipal solid waste;
- (ii) any significant risks to human health posed by these emissions; and
- (iii) operating practices appropriate for controlling these emissions.

(B) Based on the report under subparagraph (A) and on any future information on such emissions, the Administrator may publish advisories or guidelines regarding the control of dioxin emissions from such facilities. Nothing in this paragraph shall be construed to preempt or otherwise affect the authority of the Administrator to promulgate any regulations under the Clean Air Act [42 U.S.C. 7401 et seq.] regarding emissions of polychlorinated dibenzo-p-dioxins.

(3) Notwithstanding any other provisions of law, in developing solid waste plans, it is the intention of this chapter that in determining the size of a waste-to-energy facility, adequate provisions shall be given to the present and reasonably anticipated future needs, including those needs created by thorough implementation of section 6962(h) of this title, of the recycling and resource recovery interests within the area encompassed by the solid waste plan.

(c) Integration with the Surface Mining Control and Reclamation Act of 1977

(1) No later than 90 days after October 21, 1980, the Administrator shall review any regulations applicable to the treatment, storage, or disposal of any coal mining wastes or overburden promulgated by the Secretary of the Interior under the Surface Mining and Reclamation Act of 1977 [30 U.S.C. 1201 et seq.]. If the Administrator determines that any requirement of final regula-

tions promulgated under any section of subchapter III of this chapter relating to mining wastes or overburden is not adequately addressed in such regulations promulgated by the Secretary, the Administrator shall promptly transmit such determination, together with suggested revisions and supporting documentation, to the Secretary.

(2) The Secretary of the Interior shall have exclusive responsibility for carrying out any requirement of subchapter III of this chapter with respect to coal mining wastes or overburden for which a surface coal mining and reclamation permit is issued or approved under the Surface Mining Control and Reclamation Act of 1977 [30 U.S.C. 1201 et seq.]. The Secretary shall, with the concurrence of the Administrator, promulgate such regulations as may be necessary to carry out the purposes of this subsection and shall integrate such regulations with regulations promulgated under the Surface Mining Control and Reclamation Act of 1977.

(Pub. L. 89-272, title II, §1006, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2802; amended Pub. L. 96-482, §3, Oct. 21, 1980, 94 Stat. 2334; Pub. L. 98-616, title I, §102, title V, §501(f)(2), Nov. 8, 1984, 98 Stat. 3225, 3276.)

REFERENCES IN TEXT

The Federal Water Pollution Control Act, referred to in subsecs. (a) and (b), is act June 30, 1948, ch. 758, as amended generally by Pub. L. 92-500, §2, Oct. 18, 1972, 86 Stat. 816, which is classified generally to chapter 26 (§1251 et seq.) of Title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short Title note set out under section 1251 of Title 33 and Tables.

The Atomic Energy Act of 1954, as amended, referred to in subsec. (a), is act Aug. 30, 1954, ch. 1073, 68 Stat. 921, which is classified generally to chapter 23 (§2011 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 2011 of this title and Tables.

The Marine Protection, Research and Sanctuaries Act of 1972, referred to in subsecs. (a) and (b), is Pub. L. 92-532, Oct. 23, 1972, 86 Stat. 1052, as amended, which enacted chapters 32 (§1431 et seq.) and 32A (§1447 et seq.) of Title 16, Conservation, and chapters 27 (§1401 et seq.) and 41 (§2801 et seq.) of Title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short Title note set out under section 1401 of Title 33 and Tables.

The Safe Drinking Water Act, referred to in subsecs. (a) and (b), is Pub. L. 93-523, Dec. 16, 1974, 88 Stat. 1660, as amended, which is classified principally to subchapter XII (§300f et seq.) of chapter 6A of this title. For complete classification of this Act to the Code, see Short Title of 1974 Amendment note set out under section 201 of this title and Tables.

The Clean Air Act, referred to in subsec. (b)(1), (2)(B), is act July 14, 1955, ch. 360, 69 Stat. 322, as amended, which is classified generally to chapter 85 (§7401 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 7401 of this title and Tables.

The Federal Insecticide, Fungicide, and Rodenticide Act, referred to in subsec. (b), is act June 25, 1947, ch. 125, as amended generally by Pub. L. 92-516, Oct. 21, 1972, 86 Stat. 973, which is classified generally to subchapter II (§136 et seq.) of chapter 6 of Title 7, Agriculture. For complete classification of this Act to the Code, see Short Title note set out under section 136 of Title 7 and Tables.

The Surface Mining Control and Reclamation Act of 1977, referred to in subsec. (c), is Pub. L. 95-87, Aug. 3, 1977, 91 Stat. 445, as amended, which is classified gener-

ally to chapter 25 (§1201 et seq.) of Title 30, Mineral Lands and Mining. For complete classification of this Act to the Code, see Short Title note set out under section 1201 of Title 30 and Tables.

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3257 of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

AMENDMENTS

1984—Subsec. (b)(1), (2). Pub. L. 98-616, §102, designated existing provisions as par. (1) and added par. (2).

Subsec. (b)(3). Pub. L. 98-616, §501(f)(2), added par. (3).

1980—Subsec. (c). Pub. L. 96-482 added subsec. (c).

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

URANIUM MILL TAILINGS

Section 703 of Pub. L. 98-616 provided that: “Nothing in the Hazardous and Solid Waste Amendments of 1984 [see Short Title of 1984 Amendment note set out under section 6901 of this title] shall be construed to affect, modify, or amend the Uranium Mill Tailings Radiation Control Act of 1978 [42 U.S.C. 7901 et seq.]”.

§ 6906. Financial disclosure

(a) Statement

Each officer or employee of the Administrator who—

- (1) performs any function or duty under this chapter; and
- (2) has any known financial interest in any person who applies for or receives financial assistance under this chapter

shall, beginning on February 1, 1977, annually file with the Administrator a written statement concerning all such interests held by such officer or employee during the preceding calendar year. Such statement shall be available to the public.

(b) Action by Administrator

The Administrator shall—

- (1) act within ninety days after October 21, 1976—

(A) to define the term “known financial interest” for purposes of subsection (a) of this section; and

(B) to establish the methods by which the requirement to file written statements specified in subsection (a) of this section will be monitored and enforced, including appropriate provision for the filing by such officers and employees of such statements and the review by the Administrator of such statements; and

- (2) report to the Congress on June 1, 1978, and of each succeeding calendar year with respect to such disclosures and the actions taken in regard thereto during the preceding calendar year.

(c) Exemption

In the rules prescribed under subsection (b) of this section, the Administrator may identify

specific positions within the Environmental Protection Agency which are of a nonpolicy-making nature and provide that officers or employees occupying such positions shall be exempt from the requirements of this section.

(d) Penalty

Any officer or employee who is subject to, and knowingly violates, this section shall be fined not more than \$2,500 or imprisoned not more than one year, or both.

(Pub. L. 89-272, title II, §1007, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2802.)

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6907. Solid waste management information and guidelines

(a) Guidelines

Within one year of October 21, 1976, and from time to time thereafter, the Administrator shall, in cooperation with appropriate Federal, State, municipal, and intermunicipal agencies, and in consultation with other interested persons, and after public hearings, develop and publish suggested guidelines for solid waste management. Such suggested guidelines shall—

- (1) provide a technical and economic description of the level of performance that can be attained by various available solid waste management practices (including operating practices) which provide for the protection of public health and the environment;

- (2) not later than two years after October 21, 1976, describe levels of performance, including appropriate methods and degrees of control, that provide at a minimum for (A) protection of public health and welfare; (B) protection of the quality of ground waters and surface waters from leachates; (C) protection of the quality of surface waters from runoff through compliance with effluent limitations under the Federal Water Pollution Control Act, as amended [33 U.S.C. 1251 et seq.]; (D) protection of ambient air quality through compliance with new source performance standards or requirements of air quality implementation plans under the Clean Air Act, as amended [42 U.S.C. 7401 et seq.]; (E) disease and vector control; (F) safety; and (G) esthetics; and

- (3) provide minimum criteria to be used by the States to define those solid waste management practices which constitute the open dumping of solid waste or hazardous waste and are to be prohibited under subchapter IV of this chapter.

Where appropriate, such suggested guidelines also shall include minimum information for use in deciding the adequate location, design, and construction of facilities associated with solid waste management practices, including the consideration of regional, geographic, demographic, and climatic factors.

(b) Notice

The Administrator shall notify the Committee on Environment and Public Works of the Senate and the Committee on Energy and Commerce of the House of Representatives a reasonable time before publishing any suggested guidelines or proposed regulations under this chapter of the content of such proposed suggested guidelines or proposed regulations under this chapter.

(Pub. L. 89-272, title II, §1008, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2803; amended Pub. L. 95-609, §7(c), (d), Nov. 8, 1978, 92 Stat. 3081; Pub. L. 103-437, §15(r), Nov. 2, 1994, 108 Stat. 4594.)

REFERENCES IN TEXT

The Federal Water Pollution Control Act, referred to in subsec. (a)(2), is act June 30, 1948, ch. 758, as amended generally by Pub. L. 92-500, §2, Oct. 18, 1972, 86 Stat. 816, which is classified generally to chapter 26 (§1251 et seq.) of Title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short Title note set out under section 1251 of Title 33 and Tables.

The Clean Air Act, as amended, referred to in subsec. (a)(2), is act July 14, 1955, ch. 360, 69 Stat. 322, as amended, which is classified generally to chapter 85 (§7401 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 7401 of this title and Tables.

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3254c of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

AMENDMENTS

1994—Subsec. (b). Pub. L. 103-437 substituted “Committee on Environment and Public Works of the Senate and the Committee on Energy and Commerce of the House” for “Committee on Public Works of the Senate and the Committee on Interstate and Foreign Commerce of the House”.

1978—Subsec. (a)(3). Pub. L. 95-609, §7(c), substituted “subchapter IV of this chapter” for “title IV of this Act”.

Subsec. (b). Pub. L. 95-609, §7(d), struck out “pursuant to this section” after “any suggested guidelines” and inserted “or proposed regulations under this chapter” after “suggested guidelines” in two places.

CHANGE OF NAME

Committee on Energy and Commerce of House of Representatives treated as referring to Committee on Commerce of House of Representatives by section 1(a) of Pub. L. 104-14, set out as a note preceding section 21 of Title 2, The Congress.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 5919, 5920, 6945, 6948, 6949a, 6964, 6981, 6984, 6986 of this title.

§ 6908. Small town environmental planning**(a) Establishment**

The Administrator of the Environmental Protection Agency (hereafter referred to as the

“Administrator”) shall establish a program to assist small communities in planning and financing environmental facilities. The program shall be known as the “Small Town Environmental Planning Program”.

(b) Small Town Environmental Planning Task Force

(1) The Administrator shall establish a Small Town Environmental Planning Task Force which shall be composed of representatives of small towns from different areas of the United States, Federal and State governmental agencies, and public interest groups. The Administrator shall terminate the Task Force not later than 2 years after the establishment of the Task Force.

(2) The Task Force shall—

(A) identify regulations developed pursuant to Federal environmental laws which pose significant compliance problems for small towns;

(B) identify means to improve the working relationship between the Environmental Protection Agency (hereafter referred to as the Agency) and small towns;

(C) review proposed regulations for the protection of the environmental and public health and suggest revisions that could improve the ability of small towns to comply with such regulations;

(D) identify means to promote regionalization of environmental treatment systems and infrastructure serving small towns to improve the economic condition of such systems and infrastructure; and

(E) provide such other assistance to the Administrator as the Administrator deems appropriate.

(c) Identification of environmental requirements

(1) Not later than 6 months after October 6, 1992, the Administrator shall publish a list of requirements under Federal environmental and public health statutes (and the regulations developed pursuant to such statutes) applicable to small towns. Not less than annually, the Administrator shall make such additions and deletions to and from the list as the Administrator deems appropriate.

(2) The Administrator shall, as part of the Small Town Environmental Planning Program under this section, implement a program to notify small communities of the regulations identified under paragraph (1) and of future regulations and requirements through methods that the Administrator determines to be effective to provide information to the greatest number of small communities, including any of the following:

(A) Newspapers and other periodicals.

(B) Other news media.

(C) Trade, municipal, and other associations that the Administrator determines to be appropriate.

(D) Direct mail.

(d) Small Town Ombudsman

The Administrator shall establish and staff an Office of the Small Town Ombudsman. The Office shall provide assistance to small towns in connection with the Small Town Environmental Planning Program and other business with the

Agency. Each regional office shall identify a small town contact. The Small Town Ombudsman and the regional contacts also may assist larger communities, but only if first priority is given to providing assistance to small towns.

(e) Multi-media permits

(1) The Administrator shall conduct a study of establishing a multi-media permitting program for small towns. Such evaluation shall include an analysis of—

(A) environmental benefits and liabilities of a multi-media permitting program;

(B) the potential of using such a program to coordinate a small town's environmental and public health activities; and

(C) the legal barriers, if any, to the establishment of such a program.

(2) Within 3 years after October 6, 1992, the Administrator shall report to Congress on the results of the evaluation performed in accordance with paragraph (1). Included in this report shall be a description of the activities conducted pursuant to subsections (a) through (d) of this section.

(f) "Small town" defined

For purposes of this section, the term "small town" means an incorporated or unincorporated community (as defined by the Administrator) with a population of less than 2,500 individuals.

(g) Authorization

There is authorized to be appropriated the sum of \$500,000 to implement this section.

(Pub. L. 102-386, title I, §109, Oct. 6, 1992, 106 Stat. 1515.)

CODIFICATION

Section was enacted as part of the Federal Facility Compliance Act of 1992, and not as part of the Solid Waste Disposal Act which comprises this chapter.

SUBCHAPTER II—OFFICE OF SOLID WASTE; AUTHORITIES OF THE ADMINISTRATOR

SUBCHAPTER REFERRED TO IN OTHER SECTIONS

This subchapter is referred to in section 6948 of this title.

§ 6911. Office of Solid Waste and Interagency Coordinating Committee

(a) Office of Solid Waste

The Administrator shall establish within the Environmental Protection Agency an Office of Solid Waste (hereinafter referred to as the "Office") to be headed by an Assistant Administrator of the Environmental Protection Agency. The duties and responsibilities (other than duties and responsibilities relating to research and development) of the Administrator under this chapter (as modified by applicable reorganization plans) shall be carried out through the Office.

(b) Interagency Coordinating Committee

(1) There is hereby established an Interagency Coordinating Committee on Federal Resource Conservation and Recovery Activities which shall have the responsibility for coordinating all activities dealing with resource conservation and recovery from solid waste carried out by the

Environmental Protection Agency, the Department of Energy, the Department of Commerce, and all other Federal agencies which conduct such activities pursuant to this chapter or any other Act. For purposes of this subsection, the term "resource conservation and recovery activities" shall include, but not be limited to, all research, development and demonstration projects on resource conservation or energy, or material, recovery from solid waste, and all technical or financial assistance for State or local planning for, or implementation of, projects related to resource conservation or energy or material, recovery from solid waste. The Committee shall be chaired by the Administrator of the Environmental Protection Agency or such person as the Administrator may designate. Members of the Committee shall include representatives of the Department of Energy, the Department of Commerce, the Department of the Treasury, and each other Federal agency which the Administrator determines to have programs or responsibilities affecting resource conservation or recovery.

(2) The Interagency Coordinating Committee shall include oversight of the implementation of

(A) the May 1979 Memorandum of Understanding on Energy Recovery from Municipal Solid Waste between the Environmental Protection Agency and the Department of Energy;

(B) the May 30, 1978, Interagency Agreement between the Department of Commerce and the Environmental Protection Agency on the Implementation of the Resource Conservation and Recovery Act [42 U.S.C. 6901 et seq.]; and

(C) any subsequent agreements between these agencies or other Federal agencies which address Federal resource recovery or conservation activities.

(3) The Interagency Coordinating Committee shall submit to the Congress by March 1, 1981, and on March 1 each year thereafter, a five-year action plan for Federal resource conservation or recovery activities which shall identify means and propose programs to encourage resource conservation or material and energy recovery and increase private and municipal investment in resource conservation or recovery systems, especially those which provide for material conservation or recovery as well as energy conservation or recovery. Such plan shall describe, at a minimum, a coordinated and nonduplicatory plan for resource recovery and conservation activities for the Environmental Protection Agency, the Department of Energy, the Department of Commerce, and all other Federal agencies which conduct such activities.

(Pub. L. 89-272, title II, §2001, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2804; amended Pub. L. 96-482, §4(c), Oct. 21, 1980, 94 Stat. 2335; Pub. L. 96-510, title III, §307(a), Dec. 11, 1980, 94 Stat. 2810.)

REFERENCES IN TEXT

The Resource Conservation and Recovery Act, referred to in subsec. (b)(2)(B), is Pub. L. 94-580, Oct. 21, 1976, 90 Stat. 2796, which is classified generally to this chapter (§6901 et seq.). For complete classification of this Act to the Code, see Short Title note set out under section 6901 of this title and Tables.

AMENDMENTS

1980—Subsec. (a). Pub. L. 96-510 substituted reference to Assistant Administrator for reference to Deputy Assistant Administrator.

Pub. L. 96-482 designated existing provisions as subsec. (a) and added subsec. (b).

EFFECTIVE DATE OF 1980 AMENDMENT

Section 307(c) of Pub. L. 96-510 provided that: “The amendment made by subsection (a) [amending this section] shall become effective ninety days after the date of the enactment of this Act [Dec. 11, 1980].”

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6911a. Assistant Administrator of Environmental Protection Agency; appointment, etc.

The Assistant Administrator of the Environmental Protection Agency appointed to head the Office of Solid Waste shall be in addition to the five Assistant Administrators of the Environmental Protection Agency provided for in section 1(d) of Reorganization Plan Numbered 3 of 1970 and the additional Assistant Administrator provided by the Toxic Substances Control Act [15 U.S.C. 2601 et seq.], shall be appointed by the President by and with the advice and consent of the Senate.

(Pub. L. 96-510, title III, §307(b), Dec. 11, 1980, 94 Stat. 2810; Pub. L. 98-80, §2(c)(2)(B), Aug. 23, 1983, 97 Stat. 485.)

REFERENCES IN TEXT

Reorganization Plan Numbered 3 of 1970, referred to in text, is set out in the Appendix to Title 5, Government Organization and Employees.

The Toxic Substances Control Act, referred to in text, is Pub. L. 94-469, Oct. 11, 1976, 90 Stat. 2003, as amended, which is classified generally to chapter 53 (§2601 et seq.) of Title 15, Commerce and Trade. For complete classification of this Act to the Code, see Short Title note set out under section 2601 of Title 15 and Tables.

CODIFICATION

Section was enacted as part of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, and not as part of the Solid Waste Disposal Act which comprises this chapter.

AMENDMENTS

1983—Pub. L. 98-80 struck out “, and shall be compensated at the rate provided for Level IV of the Executive Schedule pay rates under section 5315 of title 5” after “advice and consent of the Senate”.

EFFECTIVE DATE

Section effective Dec. 11, 1980, see section 9652 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 4370a of this title.

§ 6912. Authorities of Administrator**(a) Authorities**

In carrying out this chapter, the Administrator is authorized to—

(1) prescribe, in consultation with Federal, State, and regional authorities, such regulations as are necessary to carry out his functions under this chapter;

(2) consult with or exchange information with other Federal agencies undertaking research, development, demonstration projects, studies, or investigations relating to solid waste;

(3) provide technical and financial assistance to States or regional agencies in the development and implementation of solid waste plans and hazardous waste management programs;

(4) consult with representatives of science, industry, agriculture, labor, environmental protection and consumer organizations, and other groups, as he deems advisable;

(5) utilize the information, facilities, personnel and other resources of Federal agencies, including the National Institute of Standards and Technology and the National Bureau of the Census, on a reimbursable basis, to perform research and analyses and conduct studies and investigations related to resource recovery and conservation and to otherwise carry out the Administrator's functions under this chapter; and

(6) to delegate to the Secretary of Transportation the performance of any inspection or enforcement function under this chapter relating to the transportation of hazardous waste where such delegation would avoid unnecessary duplication of activity and would carry out the objectives of this chapter and of chapter 51 of title 49.

(b) Revision of regulations

Each regulation promulgated under this chapter shall be reviewed and, where necessary, revised not less frequently than every three years.

(c) Criminal investigations

In carrying out the provisions of this chapter, the Administrator, and duly-designated agents and employees of the Environmental Protection Agency, are authorized to initiate and conduct investigations under the criminal provisions of this chapter, and to refer the results of these investigations to the Attorney General for prosecution in appropriate cases.

(Pub. L. 89-272, title II, §2002, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2804; amended Pub. L. 96-482, §5, Oct. 21, 1980, 94 Stat. 2335; Pub. L. 98-616, title IV, §403(d)(4), Nov. 8, 1984, 98 Stat. 3272; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433.)

CODIFICATION

In subsec. (a)(6), “chapter 51 of title 49” substituted for “the Hazardous Materials Transportation Act [49 App. U.S.C. 1801 et seq.]” on authority of Pub. L. 103-272, §6(b), July 5, 1994, 108 Stat. 1378, the first section of which enacted subtitles II, III, and V to X of Title 49, Transportation.

AMENDMENTS

1988—Subsec. (a)(5). Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “National Bureau of Standards”.

1984—Subsec. (c). Pub. L. 98-616 added subsec. (c).

1980—Subsec. (a)(6). Pub. L. 96-482 added par. (6).

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protec-

tion Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6921 of this title.

§ 6913. Resource Recovery and Conservation Panels

The Administrator shall provide teams of personnel, including Federal, State, and local employees or contractors (hereinafter referred to as “Resource Conservation and Recovery Panels”) to provide Federal agencies, States and local governments upon request with technical assistance on solid waste management, resource recovery, and resource conservation. Such teams shall include technical, marketing, financial, and institutional specialists, and the services of such teams shall be provided without charge to States or local governments.

(Pub. L. 89-272, title II, §2003, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2804; amended Pub. L. 95-609, §7(e), Nov. 8, 1978, 92 Stat. 3081.)

AMENDMENTS

1978—Pub. L. 95-609 inserted “Federal agencies,” after “to provide”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6916 of this title.

§ 6914. Grants for discarded tire disposal

(a) Grants

The Administrator shall make available grants equal to 5 percent of the purchase price of tire shredders (including portable shredders attached to tire collection trucks) to those eligible applicants best meeting criteria promulgated under this section. An eligible applicant may be any private purchaser, public body, or public-private joint venture. Criteria for receiving grants shall be promulgated under this section and shall include the policy to offer any private purchaser the first option to receive a grant, the policy to develop widespread geographic distribution of tire shredding facilities, the need for such facilities within a geographic area, and the projected risk and viability of any such venture. In the case of an application under this section from a public body, the Administrator shall first make a determination that there are no private purchasers interested in making an application before approving a grant to a public body.

(b) Authorization of appropriations

There is authorized to be appropriated \$750,000 for each of the fiscal years 1978 and 1979 to carry out this section.

(Pub. L. 89-272, title II, §2004, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2805.)

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6914a. Labeling of lubricating oil

For purposes of any provision of law which requires the labeling of commodities, lubricating oil shall be treated as lawfully labeled only if it bears the following statement, prominently displayed:

“DON’T POLLUTE — CONSERVE RESOURCES; RETURN USED OIL TO COLLECTION CENTERS”.

(Pub. L. 89-272, title II, §2005, as added Pub. L. 96-463, §4(a), Oct. 15, 1980, 94 Stat. 2056.)

PRIOR PROVISIONS

A prior section 2005 of Pub. L. 89-272 was renumbered section 2006 and is classified to section 6915 of this title.

§ 6914b. Degradable plastic ring carriers; definitions

As used in this title—

(1) the term “regulated item” means any plastic ring carrier device that contains at least one hole greater than 1¾ inches in diameter which is made, used, or designed for the purpose of packaging, transporting, or carrying multipackaged cans or bottles, and which is of a size, shape, design, or type capable, when discarded, of becoming entangled with fish or wildlife; and

(2) the term “naturally degradable material” means a material which, when discarded, will be reduced to environmentally benign subunits under the action of normal environmental forces, such as, among others, biological decomposition, photodegradation, or hydrolysis.

(Pub. L. 100-556, title I, §102, Oct. 28, 1988, 102 Stat. 2779.)

REFERENCES IN TEXT

This title, referred to in text, is title I of Pub. L. 100-556, Oct. 28, 1988, 102 Stat. 2779, which enacted sections 6914b and 6914b-1 of this title, and provisions set out as a note under section 6914b of this title. For complete classification of this title to the Code, see Tables.

CODIFICATION

Section was not enacted as part of the Solid Waste Disposal Act which comprises this chapter.

CONGRESSIONAL FINDINGS

Section 101 of Pub. L. 100-556 provided that: “The Congress finds that—

“(1) plastic ring carrier devices have been found in large quantities in the marine environment;

“(2) fish and wildlife have been known to have become entangled in plastic ring carriers;

“(3) nondegradable plastic ring carrier devices can remain intact in the marine environment for decades, posing a threat to fish and wildlife; and

“(4) 16 States have enacted laws requiring that plastic ring carrier devices be made from degradable material in order to reduce litter and to protect fish and wildlife.”

§ 6914b-1. Regulation of plastic ring carriers

Not later than 24 months after October 28, 1988 (unless the Administrator of the Environmental Protection Agency determines that it is not feasible or that the byproducts of degradable regulated items present a greater threat to the environment than nondegradable regulated items), the Administrator of the Environmental Protection Agency shall require, by regulation, that any regulated item intended for use in the United States shall be made of naturally degradable material which, when discarded, decomposes within a period established by such regulation. The period within which decomposition must occur after being discarded shall be the shortest period of time consistent with the intended use of the item and the physical integrity required for such use. Such regulation shall allow a reasonable time for affected parties to come into compliance, including the use of existing inventories.

(Pub. L. 100-556, title I, § 103, Oct. 28, 1988, 102 Stat. 2779.)

CODIFICATION

Section was not enacted as part of the Solid Waste Disposal Act which comprises this chapter.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6914b of this title.

§ 6915. Annual report

The Administrator shall transmit to the Congress and the President, not later than ninety days after the end of each fiscal year, a comprehensive and detailed report on all activities of the Office during the preceding fiscal year. Each such report shall include—

- (1) a statement of specific and detailed objectives for the activities and programs conducted and assisted under this chapter;
- (2) statements of the Administrator's conclusions as to the effectiveness of such activities and programs in meeting the stated objectives and the purposes of this chapter, measured through the end of such fiscal year;
- (3) a summary of outstanding solid waste problems confronting the Administrator, in order of priority;
- (4) recommendations with respect to such legislation which the Administrator deems necessary or desirable to assist in solving problems respecting solid waste;
- (5) all other information required to be submitted to the Congress pursuant to any other provision of this chapter; and
- (6) the Administrator's plans for activities and programs respecting solid waste during the next fiscal year.

(Pub. L. 89-272, title II, § 2006, formerly § 2005, as added Pub. L. 94-580, § 2, Oct. 21, 1976, 90 Stat. 2805, and renumbered Pub. L. 96-463, § 4(a), Oct. 15, 1980, 94 Stat. 2056; Pub. L. 98-616, title V, § 502(b), Nov. 8, 1984, 98 Stat. 3276.)

PRIOR PROVISIONS

A prior section 2006 of Pub. L. 89-272 was renumbered section 2007 and is classified to section 6916 of this title.

AMENDMENTS

1984—Par. (1). Pub. L. 98-616 substituted “detailed” for “detail”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6916. General authorization**(a) General administration**

There are authorized to be appropriated to the Administrator for the purpose of carrying out the provisions of this chapter, \$35,000,000 for the fiscal year ending September 30, 1977, \$38,000,000 for the fiscal year ending September 30, 1978, \$42,000,000 for the fiscal year ending September 30, 1979, \$70,000,000 for the fiscal year ending September 30, 1980, \$80,000,000 for the fiscal year ending September 30, 1981, \$80,000,000 for the fiscal year ending September 30, 1982, \$70,000,000 for the fiscal year ending September 30, 1985, \$80,000,000 for the fiscal year ending September 30, 1986, \$80,000,000 for the fiscal year ending September 30, 1987, and \$80,000,000 for the fiscal year 1988.

(b) Resource Recovery and Conservation Panels

Not less than 20 percent of the amount appropriated under subsection (a) of this section, or \$5,000,000 per fiscal year, whichever is less, shall be used only for purposes of Resource Recovery and Conservation Panels established under section 6913 of this title (including travel expenses incurred by such panels in carrying out their functions under this chapter).

(c) Hazardous waste

Not less than 30 percent of the amount appropriated under subsection (a) of this section shall be used only for purposes of carrying out subchapter III of this chapter (relating to hazardous waste) other than section 6931 of this title.

(d) State and local support

Not less than 25 per centum of the total amount appropriated under this chapter, up to the amount authorized in section 6948(a)(1) of this title, shall be used only for purposes of support to State, regional, local, and interstate agencies in accordance with subchapter IV of this chapter other than section 6948(a)(2) or 6949 of this title.

(e) Criminal investigators

There is authorized to be appropriated to the Administrator \$3,246,000 for the fiscal year 1985, \$2,408,300 for the fiscal year 1986, \$2,529,000 for the fiscal year 1987, and \$2,529,000 for the fiscal year 1988 to be used—

- (1) for additional officers or employees of the Environmental Protection Agency authorized by the Administrator to conduct criminal investigations (to investigate, or supervise the investigation of, any activity for which a criminal penalty is provided) under this chapter; and
- (2) for support costs for such additional officers or employees.

(f) Underground storage tanks

(1) There are authorized to be appropriated to the Administrator for the purpose of carrying out the provisions of subchapter IX of this chapter (relating to regulation of underground storage tanks), \$10,000,000 for each of the fiscal years 1985 through 1988.

(2) There is authorized to be appropriated \$25,000,000 for each of the fiscal years 1985 through 1988 to be used to make grants to the States for purposes of assisting the States in the development and implementation of approved State underground storage tank release detection, prevention, and correction programs under subchapter IX of this chapter.

(Pub. L. 89-272, title II, §2007, formerly §2006, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2805, renumbered Pub. L. 96-463, §4(a), Oct. 15, 1980, 94 Stat. 2055; amended Pub. L. 96-482, §6, 31(a), Oct. 21, 1980, 94 Stat. 2336, 2352; Pub. L. 98-616, §2(a), (i), Nov. 8, 1984, 98 Stat. 3222, 3223.)

AMENDMENTS

1984—Subsec. (a). Pub. L. 98-616, §2(a), substituted “\$80,000,000 for the fiscal year ending September 30, 1982, \$70,000,000 for the fiscal year ending September 30, 1985, \$80,000,000 for the fiscal year ending September 30, 1986, \$80,000,000 for the fiscal year ending September 30, 1987, and \$80,000,000 for the fiscal year 1988” for “and \$80,000,000 for the fiscal year ending September 30, 1982”.

Subsecs. (e), (f). Pub. L. 98-616, §2(i), added subsecs. (e) and (f).

1980—Subsec. (a). Pub. L. 96-482, §31(a), authorized appropriation of \$70,000,000, \$80,000,000, and \$80,000,000 for fiscal years ending Sept. 30, 1980, through 1982, respectively.

Subsec. (b). Pub. L. 96-482, §6(a), inserted “, or \$5,000,000 per fiscal year, whichever is less,” after “subsection (a) of this section”.

Subsec. (d). Pub. L. 96-482, §6(b), added subsec. (d).

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6991h, 6991i of this title.

§ 6917. Office of Ombudsman**(a) Establishment; functions**

The Administrator shall establish an Office of Ombudsman, to be directed by an Ombudsman. It shall be the function of the Office of Ombudsman to receive individual complaints, grievances, requests for information submitted by any person with respect to any program or requirement under this chapter.

(b) Authority to render assistance

The Ombudsman shall render assistance with respect to the complaints, grievances, and requests submitted to the Office of Ombudsman, and shall make appropriate recommendations to the Administrator.

(c) Effect on procedures for grievances, appeals, or administrative matters

The establishment of the Office of Ombudsman shall not affect any procedures for grievances,

appeals, or administrative matters in any other provision of this chapter, any other provision of law, or any Federal regulation.

(d) Termination

The Office of the Ombudsman shall cease to exist 4 years after November 8, 1984.

(Pub. L. 89-272, title II, §2008, as added Pub. L. 98-616, title I, §103(a), Nov. 8, 1984, 98 Stat. 3225.)

SUBCHAPTER III—HAZARDOUS WASTE MANAGEMENT**SUBCHAPTER REFERRED TO IN OTHER SECTIONS**

This subchapter is referred to in sections 2022, 6902, 6903, 6905, 6916, 6948, 6949a, 6972, 6991, 6992g, 6992i, 7412, 7511b, 9603, 9604, 9607, 9608, 9614, 9621, 9651 of this title; title 10 section 7311; title 26 section 142; title 33 section 1345.

§ 6921. Identification and listing of hazardous waste**(a) Criteria for identification or listing**

Not later than eighteen months after October 21, 1976, the Administrator shall, after notice and opportunity for public hearing, and after consultation with appropriate Federal and State agencies, develop and promulgate criteria for identifying the characteristics of hazardous waste, and for listing hazardous waste, which should be subject to the provisions of this subchapter, taking into account toxicity, persistence, and degradability in nature, potential for accumulation in tissue, and other related factors such as flammability, corrosiveness, and other hazardous characteristics. Such criteria shall be revised from time to time as may be appropriate.

(b) Identification and listing

(1) Not later than eighteen months after October 21, 1976, and after notice and opportunity for public hearing, the Administrator shall promulgate regulations identifying the characteristics of hazardous waste, and listing particular hazardous wastes (within the meaning of section 6903(5) of this title), which shall be subject to the provisions of this subchapter. Such regulations shall be based on the criteria promulgated under subsection (a) of this section and shall be revised from time to time thereafter as may be appropriate. The Administrator, in cooperation with the Agency for Toxic Substances and Disease Registry and the National Toxicology Program, shall also identify or list those hazardous wastes which shall be subject to the provisions of this subchapter solely because of the presence in such wastes of certain constituents (such as identified carcinogens, mutagens, or teratogens)¹ at levels in excess of levels which endanger human health.

(2)(A) Notwithstanding the provisions of paragraph (1) of this subsection, drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil or natural gas or geothermal energy shall be subject only to existing State or Federal regulatory programs in lieu of this sub-

¹ So in original. Probably should be “teratogens”).

chapter until at least 24 months after October 21, 1980, and after promulgation of the regulations in accordance with subparagraphs (B) and (C) of this paragraph. It is the sense of the Congress that such State or Federal programs should include, for waste disposal sites which are to be closed, provisions requiring at least the following:

(i) The identification through surveying, platting, or other measures, together with recordation of such information on the public record, so as to assure that the location where such wastes are disposed of can be located in the future; except however, that no such surveying, platting, or other measure identifying the location of a disposal site for drilling fluids and associated wastes shall be required if the distance from the disposal site to the surveyed or platted location to the associated well is less than two hundred lineal feet; and

(ii) A chemical and physical analysis of a produced water and a composition of a drilling fluid suspected to contain a hazardous material, with such information to be acquired prior to closure and to be placed on the public record.

(B) Not later than six months after completion and submission of the study required by section 6982(m) of this title, the Administrator shall, after public hearings and opportunity for comment, determine either to promulgate regulations under this subchapter for drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil or natural gas or geothermal energy or that such regulations are unwarranted. The Administrator shall publish his decision in the Federal Register accompanied by an explanation and justification of the reasons for it. In making the decision under this paragraph, the Administrator shall utilize the information developed or accumulated pursuant to the study required under section 6982(m) of this title.

(C) The Administrator shall transmit his decision, along with any regulations, if necessary, to both Houses of Congress. Such regulations shall take effect only when authorized by Act of Congress.

(3)(A) Notwithstanding the provisions of paragraph (1) of this subsection, each waste listed below shall, except as provided in subparagraph (B) of this paragraph, be subject only to regulation under other applicable provisions of Federal or State law in lieu of this subchapter until at least six months after the date of submission of the applicable study required to be conducted under subsection (f), (n), (o), or (p) of section 6982 of this title and after promulgation of regulations in accordance with subparagraph (C) of this paragraph:

(i) Fly ash waste, bottom ash waste, slag waste, and flue gas emission control waste generated primarily from the combustion of coal or other fossil fuels.

(ii) Solid waste from the extraction, beneficiation, and processing of ores and minerals, including phosphate rock and overburden from the mining of uranium ore.

(iii) Cement kiln dust waste.

(B)(i) Owners and operators of disposal sites for wastes listed in subparagraph (A) may be required by the Administrator, through regulations prescribed under authority of section 6912 of this title—

(I) as to disposal sites for such wastes which are to be closed, to identify the locations of such sites through surveying, platting, or other measures, together with recordation of such information on the public record, to assure that the locations where such wastes are disposed of are known and can be located in the future, and

(II) to provide chemical and physical analysis and composition of such wastes, based on available information, to be placed on the public record.

(ii)(I) In conducting any study under subsection (f), (n), (o), or (p), of section 6982 of this title, any officer, employee, or authorized representative of the Environmental Protection Agency, duly designated by the Administrator, is authorized, at reasonable times and as reasonably necessary for the purposes of such study, to enter any establishment where any waste subject to such study is generated, stored, treated, disposed of, or transported from; to inspect, take samples, and conduct monitoring and testing; and to have access to and copy records relating to such waste. Each such inspection shall be commenced and completed with reasonable promptness. If the officer, employee, or authorized representative obtains any samples prior to leaving the premises, he shall give to the owner, operator, or agent in charge a receipt describing the sample obtained and if requested a portion of each such sample equal in volume or weight to the portion retained. If any analysis is made of such samples, or monitoring and testing performed, a copy of the results shall be furnished promptly to the owner, operator, or agent in charge.

(II) Any records, reports, or information obtained from any person under subclause (I) shall be available to the public, except that upon a showing satisfactory to the Administrator by any person that records, reports, or information, or particular part thereof, to which the Administrator has access under this subparagraph is made public, would divulge information entitled to protection under section 1905 of title 18, the Administrator shall consider such information or particular portion thereof confidential in accordance with the purposes of that section, except that such record, report, document, or information may be disclosed to other officers, employees, or authorized representatives of the United States concerned with carrying out this chapter. Any person not subject to the provisions of section 1905 of title 18 who knowingly and willfully divulges or discloses any information entitled to protection under this subparagraph shall, upon conviction, be subject to a fine of not more than \$5,000 or to imprisonment not to exceed one year, or both.

(iii) The Administrator may prescribe regulations, under the authority of this chapter, to prevent radiation exposure which presents an unreasonable risk to human health from the use in construction or land reclamation (with or without revegetation) of (I) solid waste from the

extraction, beneficiation, and processing of phosphate rock or (II) overburden from the mining of uranium ore.

(iv) Whenever on the basis of any information the Administrator determines that any person is in violation of any requirement of this subparagraph, the Administrator shall give notice to the violator of his failure to comply with such requirement. If such violation extends beyond the thirtieth day after the Administrator's notification, the Administrator may issue an order requiring compliance within a specified time period or the Administrator may commence a civil action in the United States district court in the district in which the violation occurred for appropriate relief, including a temporary or permanent injunction.

(C) Not later than six months after the date of submission of the applicable study required to be conducted under subsection (f), (n), (o), or (p), of section 6982 of this title, the Administrator shall, after public hearings and opportunity for comment, either determine to promulgate regulations under this subchapter for each waste listed in subparagraph (A) of this paragraph or determine that such regulations are unwarranted. The Administrator shall publish his determination, which shall be based on information developed or accumulated pursuant to such study, public hearings, and comment, in the Federal Register accompanied by an explanation and justification of the reasons for it.

(c) Petition by State Governor

At any time after the date eighteen months after October 21, 1976, the Governor of any State may petition the Administrator to identify or list a material as a hazardous waste. The Administrator shall act upon such petition within ninety days following his receipt thereof and shall notify the Governor of such action. If the Administrator denies such petition because of financial considerations, in providing such notice to the Governor he shall include a statement concerning such considerations.

(d) Small quantity generator waste

(1) By March 31, 1986, the Administrator shall promulgate standards under sections 6922, 6923, and 6924 of this title for hazardous waste generated by a generator in a total quantity of hazardous waste greater than one hundred kilograms but less than one thousand kilograms during a calendar month.

(2) The standards referred to in paragraph (1), including standards applicable to the legitimate use, reuse, recycling, and reclamation of such wastes, may vary from the standards applicable to hazardous waste generated by larger quantity generators, but such standards shall be sufficient to protect human health and the environment.

(3) Not later than two hundred and seventy days after November 8, 1984, any hazardous waste which is part of a total quantity generated by a generator generating greater than one hundred kilograms but less than one thousand kilograms during one calendar month and which is shipped off the premises on which such waste is generated shall be accompanied by a copy of the Environmental Protection Agency Uniform Hazardous Waste Manifest form signed

by the generator. This form shall contain the following information:

(A) the name and address of the generator of the waste;

(B) the United States Department of Transportation description of the waste, including the proper shipping name, hazard class, and identification number (UN/NA), if applicable;

(C) the number and type of containers;

(D) the quantity of waste being transported; and

(E) the name and address of the facility designated to receive the waste.

If subparagraph (B) is not applicable, in lieu of the description referred to in such subparagraph (B), the form shall contain the Environmental Protection Agency identification number, or a generic description of the waste, or a description of the waste by hazardous waste characteristic. Additional requirements related to the manifest form shall apply only if determined necessary by the Administrator to protect human health and the environment.

(4) The Administrator's responsibility under this subchapter to protect human health and the environment may require the promulgation of standards under this subchapter for hazardous wastes which are generated by any generator who does not generate more than one hundred kilograms of hazardous waste in a calendar month.

(5) Until the effective date of standards required to be promulgated under paragraph (1), any hazardous waste identified or listed under this section generated by any generator during any calendar month in a total quantity greater than one hundred kilograms but less than one thousand kilograms, which is not treated, stored, or disposed of at a hazardous waste treatment, storage, or disposal facility with a permit under section 6925 of this title, shall be disposed of only in a facility which is permitted, licensed, or registered by a State to manage municipal or industrial solid waste.

(6) Standards promulgated as provided in paragraph (1) shall, at a minimum, require that all treatment, storage, or disposal of hazardous wastes generated by generators referred to in paragraph (1) shall occur at a facility with interim status or a permit under this subchapter, except that onsite storage of hazardous waste generated by a generator generating a total quantity of hazardous waste greater than one hundred kilograms, but less than one thousand kilograms during a calendar month, may occur without the requirement of a permit for up to one hundred and eighty days. Such onsite storage may occur without the requirement of a permit for not more than six thousand kilograms for up to two hundred and seventy days if such generator must ship or haul such waste over two hundred miles.

(7)(A) Nothing in this subsection shall be construed to affect or impair the validity of regulations promulgated by the Secretary of Transportation pursuant to chapter 51 of title 49.

(B) Nothing in this subsection shall be construed to affect, modify, or render invalid any requirements in regulations promulgated prior to January 1, 1983 applicable to any acutely hazardous waste identified or listed under this sec-

tion which is generated by any generator during any calendar month in a total quantity less than one thousand kilograms.

(8) Effective March 31, 1986, unless the Administrator promulgates standards as provided in paragraph (1) of this subsection prior to such date, hazardous waste generated by any generator in a total quantity greater than one hundred kilograms but less than one thousand kilograms during a calendar month shall be subject to the following requirements until the standards referred to in paragraph (1) of this subsection have become effective:

(A) the notice requirements of paragraph (3) of this subsection shall apply and in addition, the information provided in the form shall include the name of the waste transporters and the name and address of the facility designated to receive the waste;

(B) except in the case of the onsite storage referred to in paragraph (6) of this subsection, the treatment, storage, or disposal of such waste shall occur at a facility with interim status or a permit under this subchapter;

(C) generators of such waste shall file manifest exception reports as required of generators producing greater amounts of hazardous waste per month except that such reports shall be filed by January 31, for any waste shipment occurring in the last half of the preceding calendar year, and by July 31, for any waste shipment occurring in the first half of the calendar year; and

(D) generators of such waste shall retain for three years a copy of the manifest signed by the designated facility that has received the waste.

Nothing in this paragraph shall be construed as a determination of the standards appropriate under paragraph (1).

(9) The last sentence of section 6930(b) of this title shall not apply to regulations promulgated under this subsection.

(e) Specified wastes

(1) Not later than 6 months after November 8, 1984, the Administrator shall, where appropriate, list under subsection (b)(1) of this section, additional wastes containing chlorinated dioxins or chlorinated-dibenzofurans. Not later than one year after November 8, 1984, the Administrator shall, where appropriate, list under subsection (b)(1) of this section wastes containing remaining halogenated dioxins and halogenated-dibenzofurans.

(2) Not later than fifteen months after November 8, 1984, the Administrator shall make a determination of whether or not to list under subsection (b)(1) of this section the following wastes: Chlorinated Aliphatics, Dioxin, Dimethyl Hydrazine, TDI (toluene diisocyanate), Carbamates, Bromacil, Linuron, Organo-bromines, solvents, refining wastes, chlorinated aromatics, dyes and pigments, inorganic chemical industry wastes, lithium batteries, coke by-products, paint production wastes, and coal slurry pipeline effluent.

(f) Delisting procedures

(1) When evaluating a petition to exclude a waste generated at a particular facility from

listing under this section, the Administrator shall consider factors (including additional constituents) other than those for which the waste was listed if the Administrator has a reasonable basis to believe that such additional factors could cause the waste to be a hazardous waste. The Administrator shall provide notice and opportunity for comment on these additional factors before granting or denying such petition.

(2)(A) To the maximum extent practicable the Administrator shall publish in the Federal Register a proposal to grant or deny a petition referred to in paragraph (1) within twelve months after receiving a complete application to exclude a waste generated at a particular facility from being regulated as a hazardous waste and shall grant or deny such a petition within twenty-four months after receiving a complete application.

(B) The temporary granting of such a petition prior to November 8, 1984, without the opportunity for public comment and the full consideration of such comments shall not continue for more than twenty-four months after November 8, 1984. If a final decision to grant or deny such a petition has not been promulgated after notice and opportunity for public comment within the time limit prescribed by the preceding sentence, any such temporary granting of such petition shall cease to be in effect.

(g) EP toxicity

Not later than twenty-eight months after November 8, 1984, the Administrator shall examine the deficiencies of the extraction procedure toxicity characteristic as a predictor of the leaching potential of wastes and make changes in the extraction procedure toxicity characteristic, including changes in the leaching media, as are necessary to insure that it accurately predicts the leaching potential of wastes which pose a threat to human health and the environment when mismanaged.

(h) Additional characteristics

Not later than two years after November 8, 1984, the Administrator shall promulgate regulations under this section identifying additional characteristics of hazardous waste, including measures or indicators of toxicity.

(i) Clarification of household waste exclusion

A resource recovery facility recovering energy from the mass burning of municipal solid waste shall not be deemed to be treating, storing, disposing of, or otherwise managing hazardous wastes for the purposes of regulation under this subchapter, if—

(1) such facility—

(A) receives and burns only—

(i) household waste (from single and multiple dwellings, hotels, motels, and other residential sources), and

(ii) solid waste from commercial or industrial sources that does not contain hazardous waste identified or listed under this section, and

(B) does not accept hazardous wastes identified or listed under this section, and

(2) the owner or operator of such facility has established contractual requirements or other

appropriate notification or inspection procedures to assure that hazardous wastes are not received at or burned in such facility.

(Pub. L. 89-272, title II, §3001, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2806; amended Pub. L. 96-482, §7, Oct. 21, 1980, 94 Stat. 2336; Pub. L. 98-616, title II, §§221(a), 222, 223(a), Nov. 8, 1984, 98 Stat. 3248, 3251, 3252.)

CODIFICATION

In subsec. (d)(7)(A), “chapter 51 of title 49” substituted for “the Hazardous Materials Transportation Act [49 App. U.S.C. 1801 et seq.]” on authority of Pub. L. 103-272, §6(b), July 5, 1994, 108 Stat. 1378, the first section of which enacted subtitles II, III, and V to X of Title 49, Transportation.

AMENDMENTS

1984—Subsec. (b)(1). Pub. L. 98-616, §222(b), inserted at end “The Administrator, in cooperation with the Agency for Toxic Substances and Disease Registry and the National Toxicology Program, shall also identify or list those hazardous wastes which shall be subject to the provisions of this subchapter solely because of the presence in such wastes of certain constituents (such as identified carcinogens, mutagens, or teratogens) [sic] at levels in excess of levels which endanger human health.”

Subsec. (d). Pub. L. 98-616, §221(a), added subsec. (d). Subsecs. (e) to (h). Pub. L. 98-616, §222(a), added subsecs. (e) to (h).

Subsec. (i). Pub. L. 98-616, §223(a), added subsec. (i). 1980—Subsec. (b). Pub. L. 96-482 designated existing provisions as par. (1) and added pars. (2) and (3).

REGULATION

Pub. L. 99-499, title I, §124(b), Oct. 17, 1986, 100 Stat. 1689, provided that: “Unless the Administrator of the Environmental Protection Agency promulgates regulations under subtitle C of the Solid Waste Disposal Act [42 U.S.C. 6921 et seq.] addressing the extraction of wastes from landfills as part of the process of recovering methane from such landfills, the owner and operator of equipment used to recover methane from a landfill shall not be deemed to be managing, generating, transporting, treating, storing, or disposing of hazardous or liquid wastes within the meaning of that subtitle. If the aqueous or hydrocarbon phase of the condensate or any other waste material removed from the gas recovered from the landfill meets any of the characteristics identified under section 3001 of subtitle C of the Solid Waste Disposal Act [42 U.S.C. 6921], the preceding sentence shall not apply and such condensate phase or other waste material shall be deemed a hazardous waste under that subtitle, and shall be regulated accordingly.”

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

ASH MANAGEMENT AND DISPOSAL

Pub. L. 101-549, title III, §306, Nov. 15, 1990, 104 Stat. 2584, provided that: “For a period of 2 years after the date of enactment of the Clean Air Act Amendments of 1990 [Nov. 15, 1990], ash from solid waste incineration units burning municipal waste shall not be regulated by the Administrator of the Environmental Protection Agency pursuant to section 3001 of the Solid Waste Disposal Act [42 U.S.C. 6921]. Such reference and limitation shall not be construed to prejudice, endorse or otherwise affect any activity by the Administrator following

the 2-year period from the date of enactment of the Clean Air Act Amendments of 1990.”

SMALL QUANTITY GENERATOR WASTE; INFORM AND EDUCATE; WASTE GENERATORS

Section 221(b) of Pub. L. 98-616 directed Administrator of Environmental Protection Agency to undertake activities to inform and educate waste generators of their responsibilities under subsec. (d) of this section during the period within thirty months after Nov. 8, 1984, to help assure compliance.

STUDY OF EXISTING MANIFEST SYSTEM FOR HAZARDOUS WASTES AS APPLICABLE TO SMALL QUANTITY GENERATORS; SUBMITTAL TO CONGRESS

Section 221(d) of Pub. L. 98-616 directed Administrator of Environmental Protection Agency to cause to be studied the existing manifest system for hazardous wastes as it applies to small quantity generators and recommend whether the current system should be retained or whether a new system should be introduced, such study to include an analysis of the cost versus the benefits of the system studied as well as an analysis of the ease of retrieving and collating information and identifying a given substance, with any new proposal to include a list of those standards that are necessary to protect human health and the environment, and with such study to be submitted to Congress not later than Apr. 1, 1987.

ADMINISTRATIVE BURDENS; SMALL QUANTITY GENERATORS; RETENTION OF CURRENT SYSTEM; REPORT TO CONGRESS

Section 221(e) of Pub. L. 98-616 directed Administrator of Environmental Protection Agency, in conjunction with Secretary of Transportation, to prepare and submit to Congress, not later than Apr. 1, 1987, a report on the feasibility of easing the administrative burden on small quantity generators, increasing compliance with statutory and regulatory requirements, and simplifying enforcement efforts through a program of licensing hazardous waste transporters to assume the responsibilities of small quantity generators relating to preparation of manifests and associated record-keeping and reporting requirements, such report to examine the appropriate licensing requirements under such a program including the need for financial assurances by licensed transporters and to make recommendations on provisions and requirements for such a program including the appropriate division of responsibilities between Department of Transportation and Environmental Protection Administration.

EDUCATIONAL INSTITUTIONS; ACCUMULATION, STORAGE AND DISPOSAL OF HAZARDOUS WASTES; STUDY

Section 221(f) of Pub. L. 98-616 directed Administrator of Environmental Protection Agency, in consultation with Secretary of Education, the States, and appropriate educational associations, to conduct a comprehensive study of problems associated with accumulation, storage, and disposal of hazardous wastes from educational institutions, such study to include an investigation of feasibility and availability of environmentally sound methods for treatment, storage, or disposal of hazardous waste from such institutions, taking into account the types and quantities of such waste which are generated by these institutions, and the non-profit nature of these institutions, and directed Administrator to submit a report to Congress containing the findings of the study not later than Apr. 1, 1987.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6923, 6924, 6925, 6930, 6935, 6938, 6939, 6945, 6949a, 9605, 9625 of this title; title 33 sections 1319, 2601; title 49 section 14901.

§ 6922. Standards applicable to generators of hazardous waste

(a) In general

Not later than eighteen months after October 21, 1976, and after notice and opportunity for public hearings and after consultation with appropriate Federal and State agencies, the Administrator shall promulgate regulations establishing such standards, applicable to generators of hazardous waste identified or listed under this subchapter, as may be necessary to protect human health and the environment. Such standards shall establish requirements respecting—

(1) recordkeeping practices that accurately identify the quantities of such hazardous waste generated, the constituents thereof which are significant in quantity or in potential harm to human health or the environment, and the disposition of such wastes;

(2) labeling practices for any containers used for the storage, transport, or disposal of such hazardous waste such as will identify accurately such waste;

(3) use of appropriate containers for such hazardous waste;

(4) furnishing of information on the general chemical composition of such hazardous waste to persons transporting, treating, storing, or disposing of such wastes;

(5) use of a manifest system and any other reasonable means necessary to assure that all such hazardous waste generated is designated for treatment, storage, or disposal in, and arrives at, treatment, storage, or disposal facilities (other than facilities on the premises where the waste is generated) for which a permit has been issued as provided in this subchapter, or pursuant to title I of the Marine Protection, Research, and Sanctuaries Act (86 Stat. 1052) [33 U.S.C. 1411 et seq.]; and

(6) submission of reports to the Administrator (or the State agency in any case in which such agency carries out a permit program pursuant to this subchapter) at least once every two years, setting out—

(A) the quantities and nature of hazardous waste identified or listed under this subchapter that he has generated during the year;

(B) the disposition of all hazardous waste reported under subparagraph (A);

(C) the efforts undertaken during the year to reduce the volume and toxicity of waste generated; and

(D) the changes in volume and toxicity of waste actually achieved during the year in question in comparison with previous years, to the extent such information is available for years prior to November 8, 1984.

(b) Waste minimization

Effective September 1, 1985, the manifest required by subsection (a)(5) of this section shall contain a certification by the generator that—

(1) the generator of the hazardous waste has a program in place to reduce the volume or quantity and toxicity of such waste to the degree determined by the generator to be economically practicable; and

(2) the proposed method of treatment, storage, or disposal is that practicable method

currently available to the generator which minimizes the present and future threat to human health and the environment.

(Pub. L. 89-272, title II, §3002, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2806; amended Pub. L. 95-609, §7(f), Nov. 8, 1978, 92 Stat. 3082; Pub. L. 96-482, §8, Oct. 21, 1980, 94 Stat. 2338; Pub. L. 98-616, title II, §224(a), Nov. 8, 1984, 98 Stat. 3252.)

REFERENCES IN TEXT

The Marine Protection, Research, and Sanctuaries Act, referred to in subsec. (a)(5), probably means the Marine Protection, Research, and Sanctuaries Act of 1972, Pub. L. 92-532, Oct. 23, 1972, 86 Stat. 1052, as amended. Title I of the Marine Protection, Research, and Sanctuaries Act of 1972 is classified generally to subchapter I (§1411 et seq.) of chapter 27 of Title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short Title note set out under section 1401 of Title 33 and Tables.

AMENDMENTS

1984—Subsec. (a). Pub. L. 98-616, §224(a)(1), designated existing provisions as subsec. (a).

Subsec. (a)(6). Pub. L. 98-616, §224(a)(2), amended par. (6) generally. Prior to amendment, par. (6) read as follows: “submission of reports to the Administrator (or the State agency in any case in which such agency carries out an authorized permit program pursuant to this subchapter) at such times as the Administrator (or the State agency if appropriate) deems necessary, setting out—

“(A) the quantities of hazardous waste identified or listed under this subchapter that he has generated during a particular time period; and

“(B) the disposition of all hazardous waste reported under subparagraph (A).”

Subsec. (b). Pub. L. 98-616, §224(a)(2), added subsec. (b).

1980—Par. (5). Pub. L. 96-482 inserted “and any other reasonable means necessary” and “, and arrives at,” after “use of a manifest system” and “disposal in”, respectively.

1978—Par. (5). Pub. L. 95-609, §7(f)(1), inserted provision relating to title I of the Marine Protection, Research, and Sanctuaries Act.

Par. (6). Pub. L. 95-609, §7(f)(2), closed the parenthetical after “to this subchapter”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6921, 6923, 6924, 6926, 6935, 6938, 6971 of this title.

§ 6923. Standards applicable to transporters of hazardous waste

(a) Standards

Not later than eighteen months after October 21, 1976, and after opportunity for public hearings, the Administrator, after consultation with the Secretary of Transportation and the States, shall promulgate regulations establishing such standards, applicable to transporters of hazardous waste identified or listed under this subchapter, as may be necessary to protect human health and the environment. Such standards

shall include but need not be limited to requirements respecting—

- (1) recordkeeping concerning such hazardous waste transported, and their source and delivery points;
- (2) transportation of such waste only if properly labeled;
- (3) compliance with the manifest system referred to in section 6922(5)¹ of this title; and
- (4) transportation of all such hazardous waste only to the hazardous waste treatment, storage, or disposal facilities which the shipper designates on the manifest form to be a facility holding a permit issued under this subchapter, or pursuant to title I of the Marine Protection, Research, and Sanctuaries Act (86 Stat. 1052) [33 U.S.C. 1411 et seq.].

(b) Coordination with regulations of Secretary of Transportation

In case of any hazardous waste identified or listed under this subchapter which is subject to chapter 51 of title 49, the regulations promulgated by the Administrator under this section shall be consistent with the requirements of such Act and the regulations thereunder. The Administrator is authorized to make recommendations to the Secretary of Transportation respecting the regulations of such hazardous waste under the Hazardous Materials Transportation Act and for addition of materials to be covered by such Act.

(c) Fuel from hazardous waste

Not later than two years after November 8, 1984, and after opportunity for public hearing, the Administrator shall promulgate regulations establishing standards, applicable to transporters of fuel produced (1) from any hazardous waste identified or listed under section 6921 of this title, or (2) from any hazardous waste identified or listed under section 6921 of this title and any other material, as may be necessary to protect human health and the environment. Such standards may include any of the requirements set forth in paragraphs (1) through (4) of subsection (a) of this section as may be appropriate.

(Pub. L. 89-272, title II, §3003, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2807; amended Pub. L. 95-609, §7(g), Nov. 8, 1978, 92 Stat. 3082; Pub. L. 98-616, title II, §204(b)(2), Nov. 8, 1984, 98 Stat. 3238.)

REFERENCES IN TEXT

Section 6922(5) of this title, referred to in subsec. (a)(3), was redesignated section 6922(a)(5) of this title, by Pub. L. 98-616, title II, §224(a)(1), Nov. 8, 1984, 98 Stat. 3253.

The Marine Protection, Research, and Sanctuaries Act, referred to in subsec. (a)(4), probably means the Marine Protection, Research, and Sanctuaries Act of 1972, Pub. L. 92-532, Oct. 23, 1972, 86 Stat. 1052, as amended. Title I of the Marine Protection, Research, and Sanctuaries Act of 1972 is classified generally to subchapter I (§1411 et seq.) of chapter 27 of Title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short Title note set out under section 1401 of Title 33 and Tables.

CODIFICATION

In subsec. (b), “chapter 51 of title 49” substituted for “the Hazardous Materials Transportation Act (88 Stat.

2156) [49 App. U.S.C. 1801 et seq.]” on authority of Pub. L. 103-272, §6(b), July 5, 1994, 108 Stat. 1378, the first section of which enacted subtitles II, III, and V to X of Title 49, Transportation.

AMENDMENTS

1984—Subsec. (c). Pub. L. 98-616 added subsec. (c).

1978—Subsec. (a)(4). Pub. L. 95-609, §7(g)(1), inserted provision relating to title I of the Marine Protection, Research, and Sanctuaries Act.

Subsec. (b). Pub. L. 95-609, §7(g)(2), substituted “Administrator under this section” for “Administrator under this subchapter”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6921, 6926, 6935, 6938, 6971 of this title.

§ 6924. Standards applicable to owners and operators of hazardous waste treatment, storage, and disposal facilities

(a) In general

Not later than eighteen months after October 21, 1976, and after opportunity for public hearings and after consultation with appropriate Federal and State agencies, the Administrator shall promulgate regulations establishing such performance standards, applicable to owners and operators of facilities for the treatment, storage, or disposal of hazardous waste identified or listed under this subchapter, as may be necessary to protect human health and the environment. In establishing such standards the Administrator shall, where appropriate, distinguish in such standards between requirements appropriate for new facilities and for facilities in existence on the date of promulgation of such regulations. Such standards shall include, but need not be limited to, requirements respecting—

(1) maintaining records of all hazardous wastes identified or listed under this chapter which is treated, stored, or disposed of, as the case may be, and the manner in which such wastes were treated, stored, or disposed of;

(2) satisfactory reporting, monitoring, and inspection and compliance with the manifest system referred to in section 6922(5)¹ of this title;

(3) treatment, storage, or disposal of all such waste received by the facility pursuant to such operating methods, techniques, and practices as may be satisfactory to the Administrator;

(4) the location, design, and construction of such hazardous waste treatment, disposal, or storage facilities;

(5) contingency plans for effective action to minimize unanticipated damage from any treatment, storage, or disposal of any such hazardous waste;

(6) the maintenance of operation of such facilities and requiring such additional quali-

¹ See References in Text note below.

¹ See References in Text note below.

fications as to ownership, continuity of operation, training for personnel, and financial responsibility (including financial responsibility for corrective action) as may be necessary or desirable; and

(7) compliance with the requirements of section 6925 of this title respecting permits for treatment, storage, or disposal.

No private entity shall be precluded by reason of criteria established under paragraph (6) from the ownership or operation of facilities providing hazardous waste treatment, storage, or disposal services where such entity can provide assurances of financial responsibility and continuity of operation consistent with the degree and duration of risks associated with the treatment, storage, or disposal of specified hazardous waste.

(b) Salt dome formations, salt bed formations, underground mines and caves

(1) Effective on November 8, 1984, the placement of any noncontainerized or bulk liquid hazardous waste in any salt dome formation, salt bed formation, underground mine, or cave is prohibited until such time as—

(A) the Administrator has determined, after notice and opportunity for hearings on the record in the affected areas, that such placement is protective of human health and the environment;

(B) the Administrator has promulgated performance and permitting standards for such facilities under this subchapter, and;

(C) a permit has been issued under section 6925(c) of this title for the facility concerned.

(2) Effective on November 8, 1984, the placement of any hazardous waste other than a hazardous waste referred to in paragraph (1) in a salt dome formation, salt bed formation, underground mine, or cave is prohibited until such time as a permit has been issued under section 6925(c) of this title for the facility concerned.

(3) No determination made by the Administrator under subsection (d), (e), or (g) of this section regarding any hazardous waste to which such subsection (d), (e), or (g) of this section applies shall affect the prohibition contained in paragraph (1) or (2) of this subsection.

(4) Nothing in this subsection shall apply to the Department of Energy Waste Isolation Pilot Project in New Mexico.

(c) Liquids in landfills

(1) Effective 6 months after November 8, 1984, the placement of bulk or noncontainerized liquid hazardous waste or free liquids contained in hazardous waste (whether or not absorbents have been added) in any landfill is prohibited. Prior to such date the requirements (as in effect on April 30, 1983) promulgated under this section by the Administrator regarding liquid hazardous waste shall remain in force and effect to the extent such requirements are applicable to the placement of bulk or noncontainerized liquid hazardous waste, or free liquids contained in hazardous waste, in landfills.

(2) Not later than fifteen months after November 8, 1984, the Administrator shall promulgate final regulations which—

(A) minimize the disposal of containerized liquid hazardous waste in landfills, and

(B) minimize the presence of free liquids in containerized hazardous waste to be disposed of in landfills.

Such regulations shall also prohibit the disposal in landfills of liquids that have been absorbed in materials that biodegrade or that release liquids when compressed as might occur during routine landfill operations. Prior to the date on which such final regulations take effect, the requirements (as in effect on April 30, 1983) promulgated under this section by the Administrator shall remain in force and effect to the extent such requirements are applicable to the disposal of containerized liquid hazardous waste, or free liquids contained in hazardous waste, in landfills.

(3) Effective twelve months after November 8, 1984, the placement of any liquid which is not a hazardous waste in a landfill for which a permit is required under section 6925(c) of this title or which is operating pursuant to interim status granted under section 6925(e) of this title is prohibited unless the owner or operator of such landfill demonstrates to the Administrator, or the Administrator determines, that—

(A) the only reasonably available alternative to the placement in such landfill is placement in a landfill or unlined surface impoundment, whether or not permitted under section 6925(c) of this title or operating pursuant to interim status under section 6925(e) of this title, which contains, or may reasonably be anticipated to contain, hazardous waste; and

(B) placement in such owner or operator's landfill will not present a risk of contamination of any underground source of drinking water.

As used in subparagraph (B), the term "underground source of drinking water" has the same meaning as provided in regulations under the Safe Drinking Water Act (title XIV of the Public Health Service Act) [42 U.S.C. 300f et seq.].

(4) No determination made by the Administrator under subsection (d), (e), or (g) of this section regarding any hazardous waste to which such subsection (d), (e), or (g) of this section applies shall affect the prohibition contained in paragraph (1) of this subsection.

(d) Prohibitions on land disposal of specified wastes

(1) Effective 32 months after November 8, 1984 (except as provided in subsection (f) of this section with respect to underground injection into deep injection wells), the land disposal of the hazardous wastes referred to in paragraph (2) is prohibited unless the Administrator determines the prohibition on one or more methods of land disposal of such waste is not required in order to protect human health and the environment for as long as the waste remains hazardous, taking into account—

(A) the long-term uncertainties associated with land disposal,

(B) the goal of managing hazardous waste in an appropriate manner in the first instance, and

(C) the persistence, toxicity, mobility, and propensity to bioaccumulate of such hazardous wastes and their hazardous constituents.

For the purposes of this paragraph, a method of land disposal may not be determined to be protective of human health and the environment for a hazardous waste referred to in paragraph (2) (other than a hazardous waste which has complied with the pretreatment regulations promulgated under subsection (m) of this section), unless, upon application by an interested person, it has been demonstrated to the Administrator, to a reasonable degree of certainty, that there will be no migration of hazardous constituents from the disposal unit or injection zone for as long as the wastes remain hazardous.

(2) Paragraph (1) applies to the following hazardous wastes listed or identified under section 6921 of this title:

(A) Liquid hazardous wastes, including free liquids associated with any solid or sludge, containing free cyanides at concentrations greater than or equal to 1,000 mg/l.

(B) Liquid hazardous wastes, including free liquids associated with any solid or sludge, containing the following metals (or elements) or compounds of these metals (or elements) at concentrations greater than or equal to those specified below:

(i) arsenic and/or compounds (as As) 500 mg/l;

(ii) cadmium and/or compounds (as Cd) 100 mg/l;

(iii) chromium (VI and/or compounds (as Cr VI) 500 mg/l;

(iv) lead and/or compounds (as Pb) 500 mg/l;

(v) mercury and/or compounds (as Hg) 20 mg/l;

(vi) nickel and/or compounds (as Ni) 134 mg/l;

(vii) selenium and/or compounds (as Se) 100 mg/l; and

(viii) thallium and/or compounds (as Th) 130 mg/l.

(C) Liquid hazardous waste having a pH less than or equal to two (2.0).

(D) Liquid hazardous wastes containing polychlorinated biphenyls at concentrations greater than or equal to 50 ppm.

(E) Hazardous wastes containing halogenated organic compounds in total concentration greater than or equal to 1,000 mg/kg.

When necessary to protect human health and the environment, the Administrator shall substitute more stringent concentration levels than the levels specified in subparagraphs (A) through (E).

(3) During the period ending forty-eight months after November 8, 1984, this subsection shall not apply to any disposal of contaminated soil or debris resulting from a response action taken under section 9604 or 9606 of this title or a corrective action required under this subchapter.

(e) Solvents and dioxins

(1) Effective twenty-four months after November 8, 1984 (except as provided in subsection (f) of this section with respect to underground injection into deep injection wells), the land disposal of the hazardous wastes referred to in paragraph

(2) is prohibited unless the Administrator determines the prohibition of one or more methods of land disposal of such waste is not required in order to protect human health and the environment for as long as the waste remains hazardous, taking into account the factors referred to in subparagraph (A) through (C) of subsection (d)(1) of this section. For the purposes of this paragraph, a method of land disposal may not be determined to be protective of human health and the environment for a hazardous waste referred to in paragraph (2) (other than a hazardous waste which has complied with the pretreatment regulations promulgated under subsection (m) of this section), unless upon application by an interested person it has been demonstrated to the Administrator, to a reasonable degree of certainty, that there will be no migration of hazardous constituents from the disposal unit or injection zone for as long as the wastes remain hazardous.

(2) The hazardous wastes to which the prohibition under paragraph (1) applies are as follows—

(A) dioxin-containing hazardous wastes numbered F020, F021, F022, and F023 (as referred to in the proposed rule published by the Administrator in the Federal Register for April 4, 1983), and

(B) those hazardous wastes numbered F001, F002, F003, F004, and F005 in regulations promulgated by the Administrator under section 6921 of this title (40 C.F.R. 261.31 (July 1, 1983)), as those regulations are in effect on July 1, 1983.

(3) During the period ending forty-eight months after November 8, 1984, this subsection shall not apply to any disposal of contaminated soil or debris resulting from a response action taken under section 9604 or 9606 of this title or a corrective action required under this subchapter.

(f) Disposal into deep injection wells; specified subsection (d) wastes; solvents and dioxins

(1) Not later than forty-five months after November 8, 1984, the Administrator shall complete a review of the disposal of all hazardous wastes referred to in paragraph (2) of subsection (d) of this section and in paragraph (2) of subsection (e) of this section by underground injection into deep injection wells.

(2) Within forty-five months after November 8, 1984, the Administrator shall make a determination regarding the disposal by underground injection into deep injection wells of the hazardous wastes referred to in paragraph (2) of subsection (d) of this section and the hazardous wastes referred to in paragraph (2) of subsection (e) of this section. The Administrator shall promulgate final regulations prohibiting the disposal of such wastes into such wells if it may reasonably be determined that such disposal may not be protective of human health and the environment for as long as the waste remains hazardous, taking into account the factors referred to in subparagraphs (A) through (C) of subsection (d)(1) of this section. In promulgating such regulations, the Administrator shall consider each hazardous waste referred to in paragraph (2) of subsection (d) of this section or in paragraph (2) of subsection (e) of this section

which is prohibited from disposal into such wells by any State.

(3) If the Administrator fails to make a determination under paragraph (2) for any hazardous waste referred to in paragraph (2) of subsection (d) of this section or in paragraph (2) of subsection (e) of this section within forty-five months after November 8, 1984, such hazardous waste shall be prohibited from disposal into any deep injection well.

(4) As used in this subsection, the term “deep injection well” means a well used for the underground injection of hazardous waste other than a well to which section 6979a(a)² of this title applies.

(g) Additional land disposal prohibition determinations

(1) Not later than twenty-four months after November 8, 1984, the Administrator shall submit a schedule to Congress for—

(A) reviewing all hazardous wastes listed (as of November 8, 1984) under section 6921 of this title other than those wastes which are referred to in subsection (d) or (e) of this section; and

(B) taking action under paragraph (5) of this subsection with respect to each such hazardous waste.

(2) The Administrator shall base the schedule on a ranking of such listed wastes considering their intrinsic hazard and their volume such that decisions regarding the land disposal of high volume hazardous wastes with high intrinsic hazard shall, to the maximum extent possible, be made by the date forty-five months after November 8, 1984. Decisions regarding low volume hazardous wastes with lower intrinsic hazard shall be made by the date sixty-six months after November 8, 1984.

(3) The preparation and submission of the schedule under this subsection shall not be subject to the Paperwork Reduction Act of 1980.² No hearing on the record shall be required for purposes of preparation or submission of the schedule. The schedule shall not be subject to judicial review.

(4) The schedule under this subsection shall require that the Administrator shall promulgate regulations in accordance with paragraph (5) or make a determination under paragraph (5)—

(A) for at least one-third of all hazardous wastes referred to in paragraph (1) by the date forty-five months after November 8, 1984;

(B) for at least two-thirds of all such listed wastes by the date fifty-five months after November 8, 1984; and

(C) for all such listed wastes and for all hazardous wastes identified under section 6921 of this title by the date sixty-six months after November 8, 1984.

In the case of any hazardous waste identified or listed under section 6921 of this title after November 8, 1984, the Administrator shall determine whether such waste shall be prohibited from one or more methods of land disposal in accordance with paragraph (5) within six months after the date of such identification or listing.

(5) Not later than the date specified in the schedule published under this subsection, the Administrator shall promulgate final regulations prohibiting one or more methods of land disposal of the hazardous wastes listed on such schedule except for methods of land disposal which the Administrator determines will be protective of human health and the environment for as long as the waste remains hazardous, taking into account the factors referred to in subparagraph³ (A) through (C) of subsection (d)(1) of this section. For the purposes of this paragraph, a method of land disposal may not be determined to be protective of human health and the environment (except with respect to a hazardous waste which has complied with the pretreatment regulations promulgated under subsection (m) of this section) unless, upon application by an interested person, it has been demonstrated to the Administrator, to a reasonable degree of certainty, that there will be no migration of hazardous constituents from the disposal unit or injection zone for as long as the wastes remain hazardous.

(6)(A) If the Administrator fails (by the date forty-five months after November 8, 1984) to promulgate regulations or make a determination under paragraph (5) for any hazardous waste which is included in the first one-third of the schedule published under this subsection, such hazardous waste may be disposed of in a landfill or surface impoundment only if—

(i) such facility is in compliance with the requirements of subsection (o) of this section which are applicable to new facilities (relating to minimum technological requirements); and

(ii) prior to such disposal, the generator has certified to the Administrator that such generator has investigated the availability of treatment capacity and has determined that the use of such landfill or surface impoundment is the only practical alternative to treatment currently available to the generator.

The prohibition contained in this subparagraph shall continue to apply until the Administrator promulgates regulations or makes a determination under paragraph (5) for the waste concerned.

(B) If the Administrator fails (by the date 55 months after November 8, 1984) to promulgate regulations or make a determination under paragraph (5) for any hazardous waste which is included in the first two-thirds of the schedule published under this subsection, such hazardous waste may be disposed of in a landfill or surface impoundment only if—

(i) such facility is in compliance with the requirements of subsection (o) of this section which are applicable to new facilities (relating to minimum technological requirements); and

(ii) prior to such disposal, the generator has certified to the Administrator that such generator has investigated the availability of treatment capacity and has determined that the use of such landfill or surface impoundment is the only practical alternative to treatment currently available to the generator.

² See References in Text note below.

³ So in original. Probably should be “subparagraphs”.

The prohibition contained in this subparagraph shall continue to apply until the Administrator promulgates regulations or makes a determination under paragraph (5) for the waste concerned.

(C) If the Administrator fails to promulgate regulations, or make a determination under paragraph (5) for any hazardous waste referred to in paragraph (1) within 66 months after November 8, 1984, such hazardous waste shall be prohibited from land disposal.

(h) Variance from land disposal prohibitions

(1) A prohibition in regulations under subsection (d), (e), (f), or (g) of this section shall be effective immediately upon promulgation.

(2) The Administrator may establish an effective date different from the effective date which would otherwise apply under subsection (d), (e), (f), or (g) of this section with respect to a specific hazardous waste which is subject to a prohibition under subsection (d), (e), (f), or (g) of this section or under regulations under subsection (d), (e), (f), or (g) of this section. Any such other effective date shall be established on the basis of the earliest date on which adequate alternative treatment, recovery, or disposal capacity which protects human health and the environment will be available. Any such other effective date shall in no event be later than 2 years after the effective date of the prohibition which would otherwise apply under subsection (d), (e), (f), or (g) of this section.

(3) The Administrator, after notice and opportunity for comment and after consultation with appropriate State agencies in all affected States, may on a case-by-case basis grant an extension of the effective date which would otherwise apply under subsection (d), (e), (f), or (g) of this section or under paragraph (2) for up to one year, where the applicant demonstrates that there is a binding contractual commitment to construct or otherwise provide such alternative capacity but due to circumstances beyond the control of such applicant such alternative capacity cannot reasonably be made available by such effective date. Such extension shall be renewable once for no more than one additional year.

(4) Whenever another effective date (hereinafter referred to as a "variance") is established under paragraph (2), or an extension is granted under paragraph (3), with respect to any hazardous waste, during the period for which such variance or extension is in effect, such hazardous waste may be disposed of in a landfill or surface impoundment only if such facility is in compliance with the requirements of subsection (o) of this section.

(i) Publication of determination

If the Administrator determines that a method of land disposal will be protective of human health and the environment, he shall promptly publish in the Federal Register notice of such determination, together with an explanation of the basis for such determination.

(j) Storage of hazardous waste prohibited from land disposal

In the case of any hazardous waste which is prohibited from one or more methods of land

disposal under this section (or under regulations promulgated by the Administrator under any provision of this section) the storage of such hazardous waste is prohibited unless such storage is solely for the purpose of the accumulation of such quantities of hazardous waste as are necessary to facilitate proper recovery, treatment or disposal.

(k) "Land disposal" defined

For the purposes of this section, the term "land disposal", when used with respect to a specified hazardous waste, shall be deemed to include, but not be limited to, any placement of such hazardous waste in a landfill, surface impoundment, waste pile, injection well, land treatment facility, salt dome formation, salt bed formation, or underground mine or cave.

(l) Ban on dust suppression

The use of waste or used oil or other material, which is contaminated or mixed with dioxin or any other hazardous waste identified or listed under section 6921 of this title (other than a waste identified solely on the basis of ignitability), for dust suppression or road treatment is prohibited.

(m) Treatment standards for wastes subject to land disposal prohibition

(1) Simultaneously with the promulgation of regulations under subsection (d), (e), (f), or (g) of this section prohibiting one or more methods of land disposal of a particular hazardous waste, and as appropriate thereafter, the Administrator shall, after notice and an opportunity for hearings and after consultation with appropriate Federal and State agencies, promulgate regulations specifying those levels or methods of treatment, if any, which substantially diminish the toxicity of the waste or substantially reduce the likelihood of migration of hazardous constituents from the waste so that short-term and long-term threats to human health and the environment are minimized.

(2) If such hazardous waste has been treated to the level or by a method specified in regulations promulgated under this subsection, such waste or residue thereof shall not be subject to any prohibition promulgated under subsection (d), (e), (f), or (g) of this section and may be disposed of in a land disposal facility which meets the requirements of this subchapter. Any regulation promulgated under this subsection for a particular hazardous waste shall become effective on the same date as any applicable prohibition promulgated under subsection (d), (e), (f), or (g) of this section.

(n) Air emissions

Not later than thirty months after November 8, 1984, the Administrator shall promulgate such regulations for the monitoring and control of air emissions at hazardous waste treatment, storage, and disposal facilities, including but not limited to open tanks, surface impoundments, and landfills, as may be necessary to protect human health and the environment.

(o) Minimum technological requirements

(1) The regulations under subsection (a) of this section shall be revised from time to time to take into account improvements in the tech-

nology of control and measurement. At a minimum, such regulations shall require, and a permit issued pursuant to section 6925(c) of this title after November 8, 1984, by the Administrator or a State shall require—

(A) for each new landfill or surface impoundment, each new landfill or surface impoundment unit at an existing facility, each replacement of an existing landfill or surface impoundment unit, and each lateral expansion of an existing landfill or surface impoundment unit, for which an application for a final determination regarding issuance of a permit under section 6925(c) of this title is received after November 8, 1984—

(i) the installation of two or more liners and a leachate collection system above (in the case of a landfill) and between such liners; and

(ii) ground water monitoring; and

(B) for each incinerator which receives a permit under section 6925(c) of this title after November 8, 1984, the attainment of the minimum destruction and removal efficiency required by regulations in effect on June 24, 1982.

The requirements of this paragraph shall apply with respect to all waste received after the issuance of the permit.

(2) Paragraph (1)(A)(i) shall not apply if the owner or operator demonstrates to the Administrator, and the Administrator finds for such landfill or surface impoundment, that alternative design and operating practices, together with location characteristics, will prevent the migration of any hazardous constituents into the ground water or surface water at least as effectively as such liners and leachate collection systems.

(3) The double-liner requirement set forth in paragraph (1)(A)(i) may be waived by the Administrator for any monofill, if—

(A) such monofill contains only hazardous wastes from foundry furnace emission controls or metal casting molding sand,

(B) such wastes do not contain constituents which would render the wastes hazardous for reasons other than the Extraction Procedure ("EP") toxicity characteristics set forth in regulations under this subchapter, and

(C) such monofill meets the same requirements as are applicable in the case of a waiver under section 6925(j)(2) or (4) of this title.

(4)(A) Not later than thirty months after November 8, 1984, the Administrator shall promulgate standards requiring that new landfill units, surface impoundment units, waste piles, underground tanks and land treatment units for the storage, treatment, or disposal of hazardous waste identified or listed under section 6921 of this title shall be required to utilize approved leak detection systems.

(B) For the purposes of subparagraph (A)—

(i) the term "approved leak detection system" means a system or technology which the Administrator determines to be capable of detecting leaks of hazardous constituents at the earliest practicable time; and

(ii) the term "new units" means units on which construction commences after the date of promulgation of regulations under this paragraph.

(5)(A) The Administrator shall promulgate regulations or issue guidance documents implementing the requirements of paragraph (1)(A) within two years after November 8, 1984.

(B) Until the effective date of such regulations or guidance documents, the requirement for the installation of two or more liners may be satisfied by the installation of a top liner designed, operated, and constructed of materials to prevent the migration of any constituent into such liner during the period such facility remains in operation (including any post-closure monitoring period), and a lower liner designed, operated⁴ and constructed to prevent the migration of any constituent through such liner during such period. For the purpose of the preceding sentence, a lower liner shall be deemed to satisfy such requirement if it is constructed of at least a 3-foot thick layer of recompacted clay or other natural material with a permeability of no more than 1×10^{-7} centimeter per second.

(6) Any permit under section 6925 of this title which is issued for a landfill located within the State of Alabama shall require the installation of two or more liners and a leachate collection system above and between such liners, notwithstanding any other provision of this chapter.

(7) In addition to the requirements set forth in this subsection, the regulations referred to in paragraph (1) shall specify criteria for the acceptable location of new and existing treatment, storage, or disposal facilities as necessary to protect human health and the environment. Within 18 months after November 8, 1984, the Administrator shall publish guidance criteria identifying areas of vulnerable hydrogeology.

(p) Ground water monitoring

The standards under this section concerning ground water monitoring which are applicable to surface impoundments, waste piles, land treatment units, and landfills shall apply to such a facility whether or not—

(1) the facility is located above the seasonal high water table;

(2) two liners and a leachate collection system have been installed at the facility; or

(3) the owner or operator inspects the liner (or liners) which has been installed at the facility.

This subsection shall not be construed to affect other exemptions or waivers from such standards provided in regulations in effect on November 8, 1984, or as may be provided in revisions to those regulations, to the extent consistent with this subsection. The Administrator is authorized on a case-by-case basis to exempt from ground water monitoring requirements under this section (including subsection (o) of this section) any engineered structure which the Administrator finds does not receive or contain liquid waste (nor waste containing free liquids), is designed and operated to exclude liquid from precipitation or other runoff, utilizes multiple leak detection systems within the outer layer of containment, and provides for continuing operation and maintenance of these leak detection systems during the operating period, closure, and the period required for post-closure monitoring

⁴So in original. Probably should be followed by a comma.

and for which the Administrator concludes on the basis of such findings that there is a reasonable certainty hazardous constituents will not migrate beyond the outer layer of containment prior to the end of the period required for post-closure monitoring.

(q) Hazardous waste used as fuel

(1) Not later than two years after November 8, 1984, and after notice and opportunity for public hearing, the Administrator shall promulgate regulations establishing such—

(A) standards applicable to the owners and operators of facilities which produce a fuel—

- (i) from any hazardous waste identified or listed under section 6921 of this title, or
- (ii) from any hazardous waste identified or listed under section 6921 of this title and any other material;

(B) standards applicable to the owners and operators of facilities which burn, for purposes of energy recovery, any fuel produced as provided in subparagraph (A) or any fuel which otherwise contains any hazardous waste identified or listed under section 6921 of this title; and

(C) standards applicable to any person who distributes or markets any fuel which is produced as provided in subparagraph (A) or any fuel which otherwise contains any hazardous waste identified or listed under section 6921 of this title⁵

as may be necessary to protect human health and the environment. Such standards may include any of the requirements set forth in paragraphs (1) through (7) of subsection (a) of this section as may be appropriate. Nothing in this subsection shall be construed to affect or impair the provisions of section 6921(b)(3) of this title. For purposes of this subsection, the term “hazardous waste listed under section 6921 of this title” includes any commercial chemical product which is listed under section 6921 of this title and which, in lieu of its original intended use, is (i) produced for use as (or as a component of) a fuel, (ii) distributed for use as a fuel, or (iii) burned as a fuel.

(2)(A) This subsection, subsection (r) of this section, and subsection (s) of this section shall not apply to petroleum refinery wastes containing oil which are converted into petroleum coke at the same facility at which such wastes were generated, unless the resulting coke product would exceed one or more characteristics by which a substance would be identified as a hazardous waste under section 6921 of this title.

(B) The Administrator may exempt from the requirements of this subsection, subsection (r) of this section, or subsection (s) of this section facilities which burn de minimis quantities of hazardous waste as fuel, as defined by the Administrator, if the wastes are burned at the same facility at which such wastes are generated; the waste is burned to recover useful energy, as determined by the Administrator on the basis of the design and operating characteristics of the facility and the heating value and other characteristics of the waste; and the waste is

burned in a type of device determined by the Administrator to be designed and operated at a destruction and removal efficiency sufficient such that protection of human health and environment is assured.

(C)(i) After November 8, 1984, and until standards are promulgated and in effect under paragraph (2) of this subsection, no fuel which contains any hazardous waste may be burned in any cement kiln which is located within the boundaries of any incorporated municipality with a population greater than five hundred thousand (based on the most recent census statistics) unless such kiln fully complies with regulations (as in effect on November 8, 1984) under this subchapter which are applicable to incinerators.

(ii) Any person who knowingly violates the prohibition contained in clause (i) shall be deemed to have violated section 6928(d)(2) of this title.

(r) Labeling

(1) Notwithstanding any other provision of law, until such time as the Administrator promulgates standards under subsection (q) of this section specifically superceding this requirement, it shall be unlawful for any person who is required to file a notification in accordance with paragraph (1) or (3) of section 6930 of this title to distribute or market any fuel which is produced from any hazardous waste identified or listed under section 6921 of this title, or any fuel which otherwise contains any hazardous waste identified or listed under section 6921 of this title if the invoice or the bill of sale fails—

(A) to bear the following statement: “WARNING: THIS FUEL CONTAINS HAZARDOUS WASTES”, and

(B) to list the hazardous wastes contained therein.

Beginning ninety days after November 8, 1984, such statement shall be located in a conspicuous place on every such invoice or bill of sale and shall appear in conspicuous and legible type in contrast by typography, layouts, or color with other printed matter on the invoice or bill of sale.

(2) Unless the Administrator determines otherwise as may be necessary to protect human health and the environment, this subsection shall not apply to fuels produced from petroleum refining waste containing oil if—

(A) such materials are generated and reinserted onsite into the refining process;

(B) contaminants are removed; and

(C) such refining waste containing oil is converted along with normal process streams into petroleum-derived⁶ fuel products at a facility at which crude oil is refined into petroleum products and which is classified as a number SIC 2911 facility under the Office of Management and Budget Standard Industrial Classification Manual.

(3) Unless the Administrator determines otherwise as may be necessary to protect human health and the environment, this subsection shall not apply to fuels produced from oily materials, resulting from normal petroleum refin-

⁵ So in original. Probably should be followed by a semicolon.

⁶ So in original. Probably should be “petroleum-derived”.

ing, production and transportation practices, if (A) contaminants are removed; and (B) such oily materials are converted along with normal process streams into petroleum-derived fuel products at a facility at which crude oil is refined into petroleum products and which is classified as a number SIC 2911 facility under the Office of Management and Budget Standard⁷ Classification Manual.

(s) Recordkeeping

Not later than fifteen months after November 8, 1984, the Administrator shall promulgate regulations requiring that any person who is required to file a notification in accordance with subparagraph (1), (2), or (3), of section 6930(a) of this title shall maintain such records regarding fuel blending, distribution, or use as may be necessary to protect human health and the environment.

(t) Financial responsibility provisions

(1) Financial responsibility required by subsection (a) of this section may be established in accordance with regulations promulgated by the Administrator by any one, or any combination, of the following: insurance, guarantee, surety bond, letter of credit, or qualification as a self-insurer. In promulgating requirements under this section, the Administrator is authorized to specify policy or other contractual terms, conditions, or defenses which are necessary or are unacceptable in establishing such evidence of financial responsibility in order to effectuate the purposes of this chapter.

(2) In any case where the owner or operator is in bankruptcy, reorganization, or arrangement pursuant to the Federal Bankruptcy Code or where (with reasonable diligence) jurisdiction in any State court or any Federal Court cannot be obtained over an owner or operator likely to be solvent at the time of judgment, any claim arising from conduct for which evidence of financial responsibility must be provided under this section may be asserted directly against the guarantor providing such evidence of financial responsibility. In the case of any action pursuant to this subsection, such guarantor shall be entitled to invoke all rights and defenses which would have been available to the owner or operator if any action had been brought against the owner or operator by the claimant and which would have been available to the guarantor if an action had been brought against the guarantor by the owner or operator.

(3) The total liability of any guarantor shall be limited to the aggregate amount which the guarantor has provided as evidence of financial responsibility to the owner or operator under this chapter. Nothing in this subsection shall be construed to limit any other State or Federal statutory, contractual or common law liability of a guarantor to its owner or operator including, but not limited to, the liability of such guarantor for bad faith either in negotiating or in failing to negotiate the settlement of any claim. Nothing in this subsection shall be construed to diminish the liability of any person under section 9607 or 9611 of this title or other applicable law.

(4) For the purpose of this subsection, the term "guarantor" means any person, other than the owner or operator, who provides evidence of financial responsibility for an owner or operator under this section.

(u) Continuing releases at permitted facilities

Standards promulgated under this section shall require, and a permit issued after November 8, 1984, by the Administrator or a State shall require, corrective action for all releases of hazardous waste or constituents from any solid waste management unit at a treatment, storage, or disposal facility seeking a permit under this subchapter, regardless of the time at which waste was placed in such unit. Permits issued under section 6925 of this title shall contain schedules of compliance for such corrective action (where such corrective action cannot be completed prior to issuance of the permit) and assurances of financial responsibility for completing such corrective action.

(v) Corrective action beyond facility boundary

As promptly as practicable after November 8, 1984, the Administrator shall amend the standards under this section regarding corrective action required at facilities for the treatment, storage, or disposal, of hazardous waste listed or identified under section 6921 of this title to require that corrective action be taken beyond the facility boundary where necessary to protect human health and the environment unless the owner or operator of the facility concerned demonstrates to the satisfaction of the Administrator that, despite the owner or operator's best efforts, the owner or operator was unable to obtain the necessary permission to undertake such action. Such regulations shall take effect immediately upon promulgation, notwithstanding section 6930(b) of this title, and shall apply to—

(1) all facilities operating under permits issued under subsection (c) of this section, and

(2) all landfills, surface impoundments, and waste pile units (including any new units, replacements of existing units, or lateral expansions of existing units) which receive hazardous waste after July 26, 1982.

Pending promulgation of such regulations, the Administrator shall issue corrective action orders for facilities referred to in paragraphs (1) and (2), on a case-by-case basis, consistent with the purposes of this subsection.

(w) Underground tanks

Not later than March 1, 1985, the Administrator shall promulgate final permitting standards under this section for underground tanks that cannot be entered for inspection. Within forty-eight months after November 8, 1984, such standards shall be modified, if necessary, to cover at a minimum all requirements and standards described in section 6991b of this title.

(x) Mining and other special wastes

If (1) solid waste from the extraction, beneficiation or processing of ores and minerals, including phosphate rock and overburden from the mining of uranium, (2) fly ash waste, bottom ash waste, slag waste, and flue gas emission control waste generated primarily from the combustion of coal or other fossil fuels, or (3) cement kiln

⁷ So in original. Probably should be "Standard Industrial".

dust waste, is subject to regulation under this subchapter, the Administrator is authorized to modify the requirements of subsections (c), (d), (e), (f), (g), (o), and (u) of this section and section 6925(j) of this title, in the case of landfills or surface impoundments receiving such solid waste, to take into account the special characteristics of such wastes, the practical difficulties associated with implementation of such requirements, and site-specific characteristics, including but not limited to the climate, geology, hydrology and soil chemistry at the site, so long as such modified requirements assure protection of human health and the environment.

(y) Munitions

(1) Not later than 6 months after October 6, 1992, the Administrator shall propose, after consulting with the Secretary of Defense and appropriate State officials, regulations identifying when military munitions become hazardous waste for purposes of this subchapter and providing for the safe transportation and storage of such waste. Not later than 24 months after October 6, 1992, and after notice and opportunity for comment, the Administrator shall promulgate such regulations. Any such regulations shall assure protection of human health and the environment.

(2) For purposes of this subsection, the term “military munitions” includes chemical and conventional munitions.

(Pub. L. 89-272, title II, §3004, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2807; amended Pub. L. 96-482, §9, Oct. 21, 1980, 94 Stat. 2338; Pub. L. 98-616, title II, §§201(a), 202(a), 203, 204(b)(1), 205-209, Nov. 8, 1984, 98 Stat. 3226, 3233, 3234, 3236, 3238-3240; Pub. L. 102-386, title I, §107, Oct. 6, 1992, 106 Stat. 1513.)

REFERENCES IN TEXT

Section 6922(5) of this title, referred to in subsec. (a)(2), was redesignated section 6922(a)(5) of this title, by Pub. L. 98-616, title II, §224(a)(1), Nov. 8, 1984, 98 Stat. 3253.

The Safe Drinking Water Act, referred to in subsec. (c)(3), is Pub. L. 93-523, Dec. 16, 1974, 88 Stat. 1660, as amended, which is classified principally to subchapter XII (§300f et seq.) of chapter 6A of this title. For complete classification of this Act to the Code see Short Title of 1974 Amendment note set out under section 201 of this title and Tables.

Section 6979a of this title, referred to in subsec. (f)(4), was in the original a reference to section 7010 of Pub. L. 89-272, which was renumbered section 3020 of Pub. L. 89-272 by Pub. L. 99-339, title II, §201(c), June 19, 1986, 100 Stat. 654, and transferred to section 6939b of this title.

The Paperwork Reduction Act of 1980, referred to in subsec. (g)(3), is Pub. L. 96-511, Dec. 11, 1980, 94 Stat. 2812, as amended, which was classified principally to chapter 35 (§3501 et seq.) of Title 44, Public Printing and Documents, prior to the general amendment of that chapter by Pub. L. 104-13, §2, May 22, 1995, 109 Stat. 163. For complete classification of this Act to the Code, see Short Title of 1980 Amendment note set out under section 101 of Title 44 and Tables.

The Federal Bankruptcy Code, referred to in subsec. (t)(2), probably means a reference to Title 11, Bankruptcy.

AMENDMENTS

1992—Subsec. (y). Pub. L. 102-386 added subsec. (y).

1984—Subsec. (a). Pub. L. 98-616, §201(a), designated existing provisions as subsec. (a).

Subsec. (a)(6). Pub. L. 98-616, §208, inserted “(including financial responsibility for corrective action)”.

Subsecs. (b) to (n). Pub. L. 98-616, §201(a), added subsecs. (b) to (n).

Subsec. (o). Pub. L. 98-616, §202(a), added subsec. (o).

Subsec. (p). Pub. L. 98-616, §203, added subsec. (p).

Subsecs. (q) to (s). Pub. L. 98-616, §204(b)(1), added subsecs. (q) to (s).

Subsec. (t). Pub. L. 98-616, §205, added subsec. (t).

Subsec. (u). Pub. L. 98-616, §206, added subsec. (u).

Subsecs. (v), (w). Pub. L. 98-616, §207, added subsecs. (v) and (w).

Subsec. (x). Pub. L. 98-616, §209, added subsec. (x).

1980—Pub. L. 96-482 required standards regulations to reflect distinction in requirements appropriate for new facilities and for facilities in existence on date of promulgation of the regulations.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 2297, 6921, 6925, 6926, 6935, 6936, 6939c, 6939e, 6971, 9621, 9622 of this title; title 10 section 2708; title 26 section 4662.

§ 6925. Permits for treatment, storage, or disposal of hazardous waste

(a) Permit requirements

Not later than eighteen months after October 21, 1976, the Administrator shall promulgate regulations requiring each person owning or operating an existing facility or planning to construct a new facility for the treatment, storage, or disposal of hazardous waste identified or listed under this subchapter to have a permit issued pursuant to this section. Such regulations shall take effect on the date provided in section 6930 of this title and upon and after such date the treatment, storage, or disposal of any such hazardous waste and the construction of any new facility for the treatment, storage, or disposal of any such hazardous waste is prohibited except in accordance with such a permit. No permit shall be required under this section in order to construct a facility if such facility is constructed pursuant to an approval issued by the Administrator under section 2605(e) of title 15 for the incineration of polychlorinated¹ biphenyls and any person owning or operating such a facility may, at any time after operation or construction of such facility has begun, file an application for a permit pursuant to this section authorizing such facility to incinerate hazardous waste identified or listed under this subchapter.

(b) Requirements of permit application

Each application for a permit under this section shall contain such information as may be required under regulations promulgated by the Administrator, including information respecting—

(1) estimates with respect to the composition, quantities, and concentrations of any hazardous waste identified or listed under this subchapter, or combinations of any such haz-

¹ So in original. Probably should be “polychlorinated”.

ardous waste and any other solid waste, proposed to be disposed of, treated, transported, or stored, and the time, frequency, or rate of which such waste is proposed to be disposed of, treated, transported, or stored; and

(2) the site at which such hazardous waste or the products of treatment of such hazardous waste will be disposed of, treated, transported to, or stored.

(c) Permit issuance

(1) Upon a determination by the Administrator (or a State, if applicable), of compliance by a facility for which a permit is applied for under this section with the requirements of this section and section 6924 of this title, the Administrator (or the State) shall issue a permit for such facilities. In the event permit applicants propose modification of their facilities, or in the event the Administrator (or the State) determines that modifications are necessary to conform to the requirements under this section and section 6924 of this title, the permit shall specify the time allowed to complete the modifications.

(2)(A)(i) Not later than the date four years after November 8, 1984, in the case of each application under this subsection for a permit for a land disposal facility which was submitted before such date, the Administrator shall issue a final permit pursuant to such application or issue a final denial of such application.

(ii) Not later than the date five years after November 8, 1984, in the case of each application for a permit under this subsection for an incinerator facility which was submitted before such date, the Administrator shall issue a final permit pursuant to such application or issue a final denial of such application.

(B) Not later than the date eight years after November 8, 1984, in the case of each application for a permit under this subsection for any facility (other than a facility referred to in subparagraph (A)) which was submitted before such date, the Administrator shall issue a final permit pursuant to such application or issue a final denial of such application.

(C) The time periods specified in this paragraph shall also apply in the case of any State which is administering an authorized hazardous waste program under section 6926 of this title. Interim status under subsection (e) of this section shall terminate for each facility referred to in subparagraph (A)(ii) or (B) on the expiration of the five- or eight-year period referred to in subparagraph (A) or (B), whichever is applicable, unless the owner or operator of the facility applies for a final determination regarding the issuance of a permit under this subsection within—

(i) two years after November 8, 1984 (in the case of a facility referred to in subparagraph (A)(ii)), or

(ii) four years after November 8, 1984 (in the case of a facility referred to in subparagraph (B)).

(3) Any permit under this section shall be for a fixed term, not to exceed 10 years in the case of any land disposal facility, storage facility, or incinerator or other treatment facility. Each permit for a land disposal facility shall be reviewed five years after date of issuance or re-

issuance and shall be modified as necessary to assure that the facility continues to comply with the currently applicable requirements of this section and section 6924 of this title. Nothing in this subsection shall preclude the Administrator from reviewing and modifying a permit at any time during its term. Review of any application for a permit renewal shall consider improvements in the state of control and measurement technology as well as changes in applicable regulations. Each permit issued under this section shall contain such terms and conditions as the Administrator (or the State) determines necessary to protect human health and the environment.

(d) Permit revocation

Upon a determination by the Administrator (or by a State, in the case of a State having an authorized hazardous waste program under section 6926 of this title) of noncompliance by a facility having a permit under this chapter with the requirements of this section or section 6924 of this title, the Administrator (or State, in the case of a State having an authorized hazardous waste program under section 6926 of this title) shall revoke such permit.

(e) Interim status

(1) Any person who—

(A) owns or operates a facility required to have a permit under this section which facility—

(i) was in existence on November 19, 1980, or

(ii) is in existence on the effective date of statutory or regulatory changes under this chapter that render the facility subject to the requirement to have a permit under this section,

(B) has complied with the requirements of section 6930(a) of this title, and

(C) has made an application for a permit under this section²

shall be treated as having been issued such permit until such time as final administrative disposition of such application is made, unless the Administrator or other plaintiff proves that final administrative disposition of such application has not been made because of the failure of the applicant to furnish information reasonably required or requested in order to process the application. This paragraph shall not apply to any facility which has been previously denied a permit under this section or if authority to operate the facility under this section has been previously terminated.

(2) In the case of each land disposal facility which has been granted interim status under this subsection before November 8, 1984, interim status shall terminate on the date twelve months after November 8, 1984, unless the owner or operator of such facility—

(A) applies for a final determination regarding the issuance of a permit under subsection (c) of this section for such facility before the date twelve months after November 8, 1984; and

² So in original. Probably should be followed by a comma.

(B) certifies that such facility is in compliance with all applicable groundwater monitoring and financial responsibility requirements.

(3) In the case of each land disposal facility which is in existence on the effective date of statutory or regulatory changes under this chapter that render the facility subject to the requirement to have a permit under this section and which is granted interim status under this subsection, interim status shall terminate on the date twelve months after the date on which the facility first becomes subject to such permit requirement unless the owner or operator of such facility—

(A) applies for a final determination regarding the issuance of a permit under subsection (c) of this section for such facility before the date twelve months after the date on which the facility first becomes subject to such permit requirement; and

(B) certifies that such facility is in compliance with all applicable groundwater monitoring and financial responsibility requirements.

(f) Coal mining wastes and reclamation permits

Notwithstanding subsection (a) through (e) of this section, any surface coal mining and reclamation permit covering any coal mining wastes or overburden which has been issued or approved under the Surface Mining Control and Reclamation Act of 1977 [30 U.S.C. 1201 et seq.] shall be deemed to be a permit issued pursuant to this section with respect to the treatment, storage, or disposal of such wastes or overburden. Regulations promulgated by the Administrator under this subchapter shall not be applicable to treatment, storage, or disposal of coal mining wastes and overburden which are covered by such a permit.

(g) Research, development, and demonstration permits

(1) The Administrator may issue a research, development, and demonstration permit for any hazardous waste treatment facility which proposes to utilize an innovative and experimental hazardous waste treatment technology or process for which permit standards for such experimental activity have not been promulgated under this subchapter. Any such permit shall include such terms and conditions as will assure protection of human health and the environment. Such permits—

(A) shall provide for the construction of such facilities, as necessary, and for operation of the facility for not longer than one year (unless renewed as provided in paragraph (4)), and

(B) shall provide for the receipt and treatment by the facility of only those types and quantities of hazardous waste which the Administrator deems necessary for purposes of determining the efficacy and performance capabilities of the technology or process and the effects of such technology or process on human health and the environment, and

(C) shall include such requirements as the Administrator deems necessary to protect human health and the environment (including, but not limited to, requirements regarding monitoring, operation, insurance or bonding, financial responsibility,³ closure, and remedial

action), and such requirements as the Administrator deems necessary regarding testing and providing of information to the Administrator with respect to the operation of the facility.

The Administrator may apply the criteria set forth in this paragraph in establishing the conditions of each permit without separate establishment of regulations implementing such criteria.

(2) For the purpose of expediting review and issuance of permits under this subsection, the Administrator may, consistent with the protection of human health and the environment, modify or waive permit application and permit issuance requirements established in the Administrator's general permit regulations except that there may be no modification or waiver of regulations regarding financial responsibility (including insurance) or of procedures established under section 6974(b)(2) of this title regarding public participation.

(3) The Administrator may order an immediate termination of all operations at the facility at any time he determines that termination is necessary to protect human health and the environment.

(4) Any permit issued under this subsection may be renewed not more than three times. Each such renewal shall be for a period of not more than 1 year.

(h) Waste minimization

Effective September 1, 1985, it shall be a condition of any permit issued under this section for the treatment, storage, or disposal of hazardous waste on the premises where such waste was generated that the permittee certify, no less often than annually, that—

(1) the generator of the hazardous waste has a program in place to reduce the volume or quantity and toxicity of such waste to the degree determined by the generator to be economically practicable; and

(2) the proposed method of treatment, storage, or disposal is that practicable method currently available to the generator which minimizes the present and future threat to human health and the environment.

(i) Interim status facilities receiving wastes after July 26, 1982

The standards concerning ground water monitoring, unsaturated zone monitoring, and corrective action, which are applicable under section 6924 of this title to new landfills, surface impoundments, land treatment units, and waste-pile units required to be permitted under subsection (c) of this section shall also apply to any landfill, surface impoundment, land treatment unit, or waste-pile unit qualifying for the authorization to operate under subsection (e) of this section which receives hazardous waste after July 26, 1982.

(j) Interim status surface impoundments

(1) Except as provided in paragraph (2), (3), or (4), each surface impoundment in existence on November 8, 1984, and qualifying for the authorization to operate under subsection (e) of this section shall not receive, store, or treat hazardous waste after the date four years after Novem-

³ So in original. Probably should be "responsibility".

ber 8, 1984, unless such surface impoundment is in compliance with the requirements of section 6924(o)(1)(A) of this title which would apply to such impoundment if it were new.

(2) Paragraph (1) of this subsection shall not apply to any surface impoundment which (A) has at least one liner, for which there is no evidence that such liner is leaking; (B) is located more than one-quarter mile from an underground source of drinking water; and (C) is in compliance with generally applicable ground water monitoring requirements for facilities with permits under subsection (c) of this section.

(3) Paragraph (1) of this subsection shall not apply to any surface impoundment which (A) contains treated waste water during the secondary or subsequent phases of an aggressive biological treatment facility subject to a permit issued under section 1342 of title 33 (or which holds such treated waste water after treatment and prior to discharge); (B) is in compliance with generally applicable ground water monitoring requirements for facilities with permits under subsection (c) of this section; and (C)(i) is part of a facility in compliance with section 1311(b)(2) of title 33, or (ii) in the case of a facility for which no effluent guidelines required under section 1314(b)(2) of title 33 are in effect and no permit under section 1342(a)(1) of title 33 implementing section 1311(b)(2) of title 33 has been issued, is part of a facility in compliance with a permit under section 1342 of title 33, which is achieving significant degradation of toxic pollutants and hazardous constituents contained in the untreated waste stream and which has identified those toxic pollutants and hazardous constituents in the untreated waste stream to the appropriate permitting authority.

(4) The Administrator (or the State, in the case of a State with an authorized program), after notice and opportunity for comment, may modify the requirements of paragraph (1) for any surface impoundment if the owner or operator demonstrates that such surface impoundment is located, designed and operated so as to assure that there will be no migration of any hazardous constituent⁴ into ground water or surface water at any future time. The Administrator or the State shall take into account locational criteria established under section 6924(o)(7) of this title.

(5) The owner or operator of any surface impoundment potentially subject to paragraph (1) who has reason to believe that on the basis of paragraph (2), (3), or (4) such surface impoundment is not required to comply with the requirements of paragraph (1), shall apply to the Administrator (or the State, in the case of a State with an authorized program) not later than twenty-four months after November 8, 1984, for a determination of the applicability of paragraph (1) (in the case of paragraph (2) or (3)) or for a modification of the requirements of paragraph (1) (in the case of paragraph (4)), with respect to such surface impoundment. Such owner or operator shall provide, with such application, evidence pertinent to such decision, including:

(A) an application for a final determination regarding the issuance of a permit under sub-

section (c) of this section for such facility, if not previously submitted;

(B) evidence as to compliance with all applicable ground water monitoring requirements and the information and analysis from such monitoring;

(C) all reasonably ascertainable evidence as to whether such surface impoundment is leaking; and

(D) in the case of applications under paragraph (2) or (3), a certification by a registered professional engineer with academic training and experience in ground water hydrology that—

(i) under paragraph (2), the liner of such surface impoundment is designed, constructed, and operated in accordance with applicable requirements, such surface impoundment is more than one-quarter mile from an underground source of drinking water and there is no evidence such liner is leaking; or

(ii) under paragraph (3), based on analysis of those toxic pollutants and hazardous constituents that are likely to be present in the untreated waste stream, such impoundment satisfies the conditions of paragraph (3).

In the case of any surface impoundment for which the owner or operator fails to apply under this paragraph within the time provided by this paragraph or paragraph (6), such surface impoundment shall comply with paragraph (1) notwithstanding paragraph (2), (3), or (4). Within twelve months after receipt of such application and evidence and not later than thirty-six months after November 8, 1984, and after notice and opportunity to comment, the Administrator (or, if appropriate, the State) shall advise such owner or operator on the applicability of paragraph (1) to such surface impoundment or as to whether and how the requirements of paragraph (1) shall be modified and applied to such surface impoundment.

(6)(A) In any case in which a surface impoundment becomes subject to paragraph (1) after November 8, 1984, due to the promulgation of additional listings or characteristics for the identification of hazardous waste under section 6921 of this title, the period for compliance in paragraph (1) shall be four years after the date of such promulgation, the period for demonstrations under paragraph (4) and for submission of evidence under paragraph (5) shall be not later than twenty-four months after the date of such promulgation, and the period for the Administrator (or if appropriate, the State) to advise such owners or operators under paragraph (5) shall be not later than thirty-six months after the date of promulgation.

(B) In any case in which a surface impoundment is initially determined to be excluded from the requirements of paragraph (1) but due to a change in condition (including the existence of a leak) no longer satisfies the provisions of paragraph (2), (3), or (4) and therefore becomes subject to paragraph (1), the period for compliance in paragraph (1) shall be two years after the date of discovery of such change of condition, or in the case of a surface impoundment excluded under paragraph (3) three years after such date of discovery.

⁴ So in original. Probably should be "constituent".

(7)(A) The Administrator shall study and report to the Congress on the number, range of size, construction, likelihood of hazardous constituents migrating into ground water, and potential threat to human health and the environment of existing surface impoundments excluded by paragraph (3) from the requirements of paragraph (1). Such report shall address the need, feasibility, and estimated costs of subjecting such existing surface impoundments to the requirements of paragraph (1).

(B) In the case of any existing surface impoundment or class of surface impoundments from which the Administrator (or the State, in the case of a State with an authorized program) determines hazardous constituents are likely to migrate into ground water, the Administrator (or if appropriate, the State) is authorized to impose such requirements as may be necessary to protect human health and the environment, including the requirements of section 6924(o) of this title which would apply to such impoundments if they were new.

(C) In the case of any surface impoundment excluded by paragraph (3) from the requirements of paragraph (1) which is subsequently determined to be leaking, the Administrator (or, if appropriate, the State) shall require compliance with paragraph (1), unless the Administrator (or, if appropriate, the State) determines that such compliance is not necessary to protect human health and the environment.

(8) In the case of any surface impoundment in which the liners and leak detection system have been installed pursuant to the requirements of paragraph (1) and in good faith compliance with section 6924(o) of this title and the Administrator's regulations and guidance documents governing liners and leak detection systems, no liner or leak detection system which is different from that which was so installed pursuant to paragraph (1) shall be required for such unit by the Administrator when issuing the first permit under this section to such facility. Nothing in this paragraph shall preclude the Administrator from requiring installation of a new liner when the Administrator has reason to believe that any liner installed pursuant to the requirements of this subsection is leaking.

(9) In the case of any surface impoundment which has been excluded by paragraph (2) on the basis of a liner meeting the definition under paragraph (12)(A)(ii), at the closure of such impoundment the Administrator shall require the owner or operator of such impoundment to remove or decontaminate all waste residues, all contaminated liner material, and contaminated soil to the extent practicable. If all contaminated soil is not removed or decontaminated, the owner or operator of such impoundment shall be required to comply with appropriate post-closure requirements, including but not limited to ground water monitoring and corrective action.

(10) Any incremental cost attributable to the requirements of this subsection or section 6924(o) of this title shall not be considered by the Administrator (or the State, in the case of a State with an authorized program under section 1342 of title 33)—

(A) in establishing effluent limitations and standards under section 1311, 1314, 1316, 1317, or

1342 of title 33 based on effluent limitations guidelines and standards promulgated any time before twelve months after November 8, 1984; or

(B) in establishing any other effluent limitations to carry out the provisions of section 1311, 1317, or 1342 of title 33 on or before October 1, 1986.

(11)(A) If the Administrator allows a hazardous waste which is prohibited from one or more methods of land disposal under subsection (d), (e), or (g) of section 6924 of this title (or under regulations promulgated by the Administrator under such subsections) to be placed in a surface impoundment (which is operating pursuant to interim status) for storage or treatment, such impoundment shall meet the requirements that are applicable to new surface impoundments under section 6924(o)(1) of this title, unless such impoundment meets the requirements of paragraph (2) or (4).

(B) In the case of any hazardous waste which is prohibited from one or more methods of land disposal under subsection (d), (e), or (g) of section 6924 of this title (or under regulations promulgated by the Administrator under such subsection) the placement or maintenance of such hazardous waste in a surface impoundment for treatment is prohibited as of the effective date of such prohibition unless the treatment residues which are hazardous are, at a minimum, removed for subsequent management within one year of the entry of the waste into the surface impoundment.

(12)(A) For the purposes of paragraph (2)(A) of this subsection, the term "liner" means—

(i) a liner designed, constructed, installed, and operated to prevent hazardous waste from passing into the liner at any time during the active life of the facility; or

(ii) a liner designed, constructed, installed, and operated to prevent hazardous waste from migrating beyond the liner to adjacent subsurface soil, ground water, or surface water at any time during the active life of the facility.

(B) For the purposes of this subsection, the term "aggressive biological treatment facility" means a system of surface impoundments in which the initial impoundment of the secondary treatment segment of the facility utilizes intense mechanical aeration to enhance biological activity to degrade waste water pollutants and

(i) the hydraulic retention time in such initial impoundment is no longer than 5 days under normal operating conditions, on an annual average basis;

(ii) the hydraulic retention time in such initial impoundment is no longer than thirty days under normal operating conditions, on an annual average basis: *Provided*, That the sludge in such impoundment does not constitute a hazardous waste as identified by the extraction procedure toxicity characteristic in effect on November 8, 1984; or

(iii) such system utilizes activated sludge treatment in the first portion of secondary treatment.

(C) For the purposes of this subsection, the term "underground source or⁵ drinking water"

⁵ So in original. Probably should be "of".

has the same meaning as provided in regulations under the Safe Drinking Water Act (title XIV of the Public Health Service Act [42 U.S.C. 300f et seq.]).

(13) The Administrator may modify the requirements of paragraph (1) in the case of a surface impoundment for which the owner or operator, prior to October 1, 1984, has entered into, and is in compliance with, a consent order, decree, or agreement with the Administrator or a State with an authorized program mandating corrective action with respect to such surface impoundment that provides a degree of protection of human health and the environment which is at a minimum equivalent to that provided by paragraph (1).

(Pub. L. 89-272, title II, §3005, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2808; amended Pub. L. 95-609, §7(h), Nov. 8, 1978, 92 Stat. 3082; Pub. L. 96-482, §§10, 11, Oct. 21, 1980, 94 Stat. 2338; Pub. L. 98-616, title II, §§211-213(a), (c), 214(a), 215, 224(b), 243(c), Nov. 8, 1984, 98 Stat. 3240-3243, 3253, 3261.)

REFERENCES IN TEXT

The Surface Mining Control and Reclamation Act of 1977, referred to in subsec. (f), is Pub. L. 95-87, Aug. 3, 1977, 91 Stat. 445, as amended, which is classified generally to chapter 25 (§1201 et seq.) of Title 30, Mineral Lands and Mining. For complete classification of this Act to the Code, see Short Title note set out under section 1201 of Title 30 and Tables.

The Safe Drinking Water Act, referred to in subsec. (j)(12)(C), is Pub. L. 93-523, Dec. 16, 1974, 88 Stat. 1660, as amended, which is classified principally to subchapter XII (§300f et seq.) of chapter 6A of this title. For complete classification of this Act to the Code see Short Title of 1974 Amendment note set out under section 201 of this title and Tables.

AMENDMENTS

1984—Subsec. (a). Pub. L. 98-616, §211, substituted “an existing facility or planning to construct a new” for “a”, inserted “and the construction of any new facility for the treatment, storage, or disposal of any such hazardous waste”, and inserted at end “No permit shall be required under this section in order to construct a facility if such facility is constructed pursuant to an approval issued by the Administrator under section 2605(e) of title 15 for the incineration of polychlorinated [sic] biphenyls and any person owning or operating such a facility may, at any time after operation or construction of such facility has begun, file an application for a permit pursuant to this section authorizing such facility to incinerate hazardous waste identified or listed under this subchapter.”

Subsec. (c)(1), (2). Pub. L. 98-616, §213(c), designated existing provisions as par. (1) and added par. (2).

Subsec. (c)(3). Pub. L. 98-616, §212, added par. (3).

Subsec. (e). Pub. L. 98-616, §213(a), designated existing provisions as par. (1), redesignated former pars. (1), (2), and (3) thereof as subpars. (A), (B), and (C), respectively, designated existing provisions of previously redesignated subpar. (A) as cl. (i) and added cl. (ii), inserted “This paragraph shall not apply to any facility which has been previously denied a permit under this section or if authority to operate the facility under this section has been previously terminated.” to closing provisions of par. (1), and added pars. (2) and (3).

Subsec. (g). Pub. L. 98-616, §214(a), added subsec. (g).

Subsec. (h). Pub. L. 98-616, §224(b), added subsec. (h).

Subsec. (i). Pub. L. 98-616, §243(c), added subsec. (i).

Subsec. (j). Pub. L. 98-616, §215, added subsec. (j).

1980—Subsec. (e)(1). Pub. L. 96-482, §10, substituted “November 19, 1980” for “October 21, 1976”.

Subsec. (f). Pub. L. 96-482, §11, added subsec. (f).

1978—Subsec. (a). Pub. L. 95-609 inserted “treatment, storage, or” after “and after such date the”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6921, 6924, 6926, 6927, 6928, 6933, 6935, 6936, 6937, 6939a, 6945, 6974, 6976, 7429, 9601, 9607, 9620, 9621, 9622 of this title; title 10 section 2702; title 26 sections 4662, 9507.

§ 6926. Authorized State hazardous waste programs

(a) Federal guidelines

Not later than eighteen months after October 21, 1976, the Administrator, after consultation with State authorities, shall promulgate guidelines to assist States in the Development of State hazardous waste programs.

(b) Authorization of State program

Any State which seeks to administer and enforce a hazardous waste program pursuant to this subchapter may develop and, after notice and opportunity for public hearing, submit to the Administrator an application, in such form as he shall require, for authorization of such program. Within ninety days following submission of an application under this subsection, the Administrator shall issue a notice as to whether or not he expects such program to be authorized, and within ninety days following such notice (and after opportunity for public hearing) he shall publish his findings as to whether or not the conditions listed in items (1), (2), and (3) below have been met. Such State is authorized to carry out such program in lieu of the Federal program under this subchapter in such State and to issue and enforce permits for the storage, treatment, or disposal of hazardous waste (and to enforce permits deemed to have been issued under section 6935(d)(1)¹ of this title) unless, within ninety days following submission of the application the Administrator notifies such State that such program may not be authorized and, within ninety days following such notice and after opportunity for public hearing, he finds that (1) such State program is not equivalent to the Federal program under this subchapter, (2) such program is not consistent with the Federal or State programs applicable in other States, or (3) such program does not provide adequate enforcement of compliance with the requirements of this subchapter. In authorizing a State program, the Administrator may base his findings on the Federal program in effect one year prior to submission of a State's application or in effect on January 26, 1983, whichever is later.

(c) Interim authorization

(1) Any State which has in existence a hazardous waste program pursuant to State law before

¹ See References in Text note below.

the date ninety days after the date of promulgation of regulations under sections 6922, 6923, 6924, and 6925 of this title, may submit to the Administrator evidence of such existing program and may request a temporary authorization to carry out such program under this subchapter. The Administrator shall, if the evidence submitted shows the existing State program to be substantially equivalent to the Federal program under this subchapter, grant an interim authorization to the State to carry out such program in lieu of the Federal program pursuant to this subchapter for a period ending no later than January 31, 1986.

(2) The Administrator shall, by rule, establish a date for the expiration of interim authorization under this subsection.

(3) Pending interim or final authorization of a State program for any State which reflects the amendments made by the Hazardous and Solid Waste Amendments of 1984, the State may enter into an agreement with the Administrator under which the State may assist in the administration of the requirements and prohibitions which take effect pursuant to such Amendments.

(4) In the case of a State permit program for any State which is authorized under subsection (b) of this section or under this subsection, until such program is amended to reflect the amendments made by the Hazardous and Solid Waste Amendments of 1984 and such program amendments receive interim or final authorization, the Administrator shall have the authority in such State to issue or deny permits or those portions of permits affected by the requirements and prohibitions established by the Hazardous and Solid Waste Amendments of 1984. The Administrator shall coordinate with States the procedures for issuing such permits.

(d) Effect of State permit

Any action taken by a State under a hazardous waste program authorized under this section shall have the same force and effect as action taken by the Administrator under this subchapter.

(e) Withdrawal of authorization

Whenever the Administrator determines after public hearing that a State is not administering and enforcing a program authorized under this section in accordance with requirements of this section, he shall so notify the State and, if appropriate corrective action is not taken within a reasonable time, not to exceed ninety days, the Administrator shall withdraw authorization of such program and establish a Federal program pursuant to this subchapter. The Administrator shall not withdraw authorization of any such program unless he shall first have notified the State, and made public, in writing, the reasons for such withdrawal.

(f) Availability of information

No State program may be authorized by the Administrator under this section unless—

(1) such program provides for the public availability of information obtained by the State regarding facilities and sites for the treatment, storage, and disposal of hazardous waste; and

(2) such information is available to the public in substantially the same manner, and to

the same degree, as would be the case if the Administrator was carrying out the provisions of this subchapter in such State.

(g) Amendments made by 1984 act

(1) Any requirement or prohibition which is applicable to the generation, transportation, treatment, storage, or disposal of hazardous waste and which is imposed under this subchapter pursuant to the amendments made by the Hazardous and Solid Waste Amendments of 1984 shall take effect in each State having an interim or finally authorized State program on the same date as such requirement takes effect in other States. The Administrator shall carry out such requirement directly in each such State unless the State program is finally authorized (or is granted interim authorization as provided in paragraph (2)) with respect to such requirement.

(2) Any State which, before November 8, 1984, has an existing hazardous waste program which has been granted interim or final authorization under this section may submit to the Administrator evidence that such existing program contains (or has been amended to include) any requirement which is substantially equivalent to a requirement referred to in paragraph (1) and may request interim authorization to carry out that requirement under this subchapter. The Administrator shall, if the evidence submitted shows the State requirement to be substantially equivalent to the requirement referred to in paragraph (1), grant an interim authorization to the State to carry out such requirement in lieu of direct administration in the State by the Administrator of such requirement.

(h) State programs for used oil

In the case of used oil which is not listed or identified under this subchapter as a hazardous waste but which is regulated under section 6935 of this title, the provisions of this section regarding State programs shall apply in the same manner and to the same extent as such provisions apply to hazardous waste identified or listed under this subchapter.

(Pub. L. 89-272, title II, §3006, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2809; amended Pub. L. 95-609, §7(i), Nov. 8, 1978, 92 Stat. 3082; Pub. L. 98-616, title II, §§225, 226(a), 227, 228, 241(b)(2), Nov. 8, 1984, 98 Stat. 3254, 3255, 3260; Pub. L. 99-499, title II, §205(j), Oct. 17, 1986, 100 Stat. 1703.)

REFERENCES IN TEXT

Section 6935(d)(1) of this title, referred to in subsec. (b), was in the original a reference to section 3012(d)(1) of Pub. L. 89-272, which was renumbered section 3014(d)(1) of Pub. L. 89-272 by Pub. L. 98-616 and is classified to section 6935(d)(1) of this title.

The Hazardous and Solid Waste Amendments of 1984, referred to in subsecs. (c)(3), (4), and (g), is Pub. L. 98-616, Nov. 8, 1984, 98 Stat. 3221, which amended this chapter. For complete classification of this Act to the Code, see Short Title of 1984 Amendment note set out under section 6901 of this title and Tables.

AMENDMENTS

1986—Subsec. (h). Pub. L. 99-499 added subsec. (h).

1984—Subsec. (b). Pub. L. 98-616, §§225, 241(b)(2), inserted “(and to enforce permits deemed to have been issued under section 6935(d)(1) of this title)”, and inserted

provision at end that in authorizing a State program, the Administrator may base his findings on the Federal program in effect one year prior to submission of a State's application or in effect on January 26, 1983, whichever is later.

Subsec. (c)(1). Pub. L. 98-616, § 227(1), (2), designated existing provisions as par. (1) and substituted "period ending no later than January 31, 1986" for "twenty-four month period beginning on the date six months after the date of promulgation of regulations under sections 6922 through 6925 of this title".

Subsec. (c)(2) to (4). Pub. L. 98-616, § 227(3), added pars. (2) to (4).

Subsec. (f). Pub. L. 98-616, § 226(a), added subsec. (f).

Subsec. (g). Pub. L. 98-616, § 228, added subsec. (g).

1978—Subsec. (c). Pub. L. 95-609 substituted "of" for "required for" wherever appearing and "may submit" for "submit".

EFFECTIVE DATE OF 1984 AMENDMENT

Section 226(b) of Pub. L. 98-616 provided that: "The amendment made by subsection (a) [enacting subsec. (f) of this section] shall apply with respect to State programs authorized under section 3006 [this section] before, on, or after the date of enactment of the Hazardous and Solid Waste Amendments of 1984 [Nov. 8, 1984]."

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6925, 6928, 6930, 6939c, 6974, 6976, 9607 of this title.

§ 6927. Inspections

(a) Access entry

For purposes of developing or assisting in the development of any regulation or enforcing the provisions of this chapter, any person who generates, stores, treats, transports, disposes of, or otherwise handles or has handled hazardous wastes shall, upon request of any officer, employee or representative of the Environmental Protection Agency, duly designated by the Administrator, or upon request of any duly designated officer, employee or representative of a State having an authorized hazardous waste program, furnish information relating to such wastes and permit such person at all reasonable times to have access to, and to copy all records relating to such wastes. For the purposes of developing or assisting in the development of any regulation or enforcing the provisions of this chapter, such officers, employees or representatives are authorized—

(1) to enter at reasonable times any establishment or other place where hazardous wastes are or have been generated, stored, treated, disposed of, or transported from;

(2) to inspect and obtain samples from any person of any such wastes and samples of any containers or labeling for such wastes.

Each such inspection shall be commenced and completed with reasonable promptness. If the officer, employee or representative obtains any samples, prior to leaving the premises, he shall give to the owner, operator, or agent in charge a receipt describing the sample obtained and if

requested a portion of each such sample equal in volume or weight to the portion retained. If any analysis is made of such samples, a copy of the results of such analysis shall be furnished promptly to the owner, operator, or agent in charge.

(b) Availability to public

(1) Any records, reports, or information (including records, reports, or information obtained by representatives of the Environmental Protection Agency) obtained from any person under this section shall be available to the public, except that upon a showing satisfactory to the Administrator (or the State, as the case may be) by any person that records, reports, or information, or particular part thereof, to which the Administrator (or the State, as the case may be) or any officer, employee or representative thereof has access under this section if made public, would divulge information entitled to protection under section 1905 of title 18, such information or particular portion thereof shall be considered confidential in accordance with the purposes of that section, except that such record, report, document, or information may be disclosed to other officers, employees, or authorized representatives of the United States concerned with carrying out this chapter, or when relevant in any proceeding under this chapter.

(2) Any person not subject to the provisions of section 1905 of title 18 who knowingly and willfully divulges or discloses any information entitled to protection under this subsection shall, upon conviction, be subject to a fine of not more than \$5,000 or to imprisonment not to exceed one year, or both.

(3) In submitting data under this chapter, a person required to provide such data may—

(A) designate the data which such person believes is entitled to protection under this subsection, and

(B) submit such designated data separately from other data submitted under this chapter.

A designation under this paragraph shall be made in writing and in such manner as the Administrator may prescribe.

(4) Notwithstanding any limitation contained in this section or any other provision of law, all information reported to, or otherwise obtained by, the Administrator (or any representative of the Administrator) under this chapter shall be made available, upon written request of any duly authorized committee of the Congress, to such committee.

(c) Federal facility inspections

The Administrator shall undertake on an annual basis a thorough inspection of each facility for the treatment, storage, or disposal of hazardous waste which is owned or operated by a department, agency, or instrumentality of the United States to enforce its compliance with this subchapter and the regulations promulgated thereunder. Any State with an authorized hazardous waste program also may conduct an inspection of any such facility for purposes of enforcing the facility's compliance with the State hazardous waste program. The records of such inspections shall be available to the public as provided in subsection (b) of this section. The

department, agency, or instrumentality owning or operating each such facility shall reimburse the Environmental Protection Agency for the costs of the inspection of the facility. With respect to the first inspection of each such facility occurring after October 6, 1992, the Administrator shall conduct a comprehensive ground water monitoring evaluation at the facility, unless such an evaluation was conducted during the 12-month period preceding October 6, 1992.

(d) State-operated facilities

The Administrator shall annually undertake a thorough inspection of every facility for the treatment, storage, or disposal of hazardous waste which is operated by a State or local government for which a permit is required under section 6925 of this title. The records of such inspection shall be available to the public as provided in subsection (b) of this section.

(e) Mandatory inspections

(1) The Administrator (or the State in the case of a State having an authorized hazardous waste program under this subchapter) shall commence a program to thoroughly inspect every facility for the treatment, storage, or disposal of hazardous waste for which a permit is required under section 6925 of this title no less often than every two years as to its compliance with this subchapter (and the regulations promulgated under this subchapter). Such inspections shall commence not later than twelve months after November 8, 1984. The Administrator shall, after notice and opportunity for public comment, promulgate regulations governing the minimum frequency and manner of such inspections, including the manner in which records of such inspections shall be maintained and the manner in which reports of such inspections shall be filed. The Administrator may distinguish between classes and categories of facilities commensurate with the risks posed by each class or category.

(2) Not later than six months after November 8, 1984, the Administrator shall submit to the Congress a report on the potential for inspections of hazardous waste treatment, storage, or disposal facilities by nongovernmental inspectors as a supplement to inspections conducted by officers, employees, or representatives of the Environmental Protection Agency or States having authorized hazardous waste programs or operating under a cooperative agreement with the Administrator. Such report shall be prepared in cooperation with the States, insurance companies offering environmental impairment insurance, independent companies providing inspection services, and other such groups as appropriate. Such report shall contain recommendations on provisions and requirements for a program of private inspections to supplement governmental inspections.

(Pub. L. 89-272, title II, §3007, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2810; amended Pub. L. 95-609, §7(j), Nov. 8, 1978, 92 Stat. 3082; Pub. L. 96-482, §12, Oct. 21, 1980, 94 Stat. 2339; Pub. L. 98-616, title II, §§229-231, title V, §502(a), Nov. 8, 1984, 98 Stat. 3255, 3256, 3276; Pub. L. 102-386, title I, §104, Oct. 6, 1992, 106 Stat. 1507.)

AMENDMENTS

1992—Subsec. (c). Pub. L. 102-386 in first sentence substituted “The Administrator shall undertake” for “Beginning twelve months after November 8, 1984, the Administrator shall, or in the case of a State with an authorized hazardous waste program the State may, undertake” and “department, agency, or instrumentality of the United States” for “Federal agency”, inserted after first sentence “Any State with an authorized hazardous waste program also may conduct an inspection of any such facility for purposes of enforcing the facility’s compliance with the State hazardous waste program.”, and inserted at end “The department, agency, or instrumentality owning or operating each such facility shall reimburse the Environmental Protection Agency for the costs of the inspection of the facility. With respect to the first inspection of each such facility occurring after October 6, 1992, the Administrator shall conduct a comprehensive ground water monitoring evaluation at the facility, unless such an evaluation was conducted during the 12-month period preceding October 6, 1992.”

1984—Subsec. (b)(1). Pub. L. 98-616, §502(a), modified directory language for amendment by sec. 12(b)(4) of Pub. L. 96-482.

Subsec. (c). Pub. L. 98-616, §229, added subsec. (c).

Subsec. (d). Pub. L. 98-616, §230, added subsec. (d).

Subsec. (e). Pub. L. 98-616, §231, added subsec. (e).

1980—Subsec. (a). Pub. L. 96-482, §12(a), substituted “chapter” for “subchapter”, “any officer, employee or representative” for “any officer or employee”, “duly designated officer, employee or representative” for “duly designated officer employee”, “such officers, employees or representatives” for “such officers or employees”, “furnish information relating to such wastes and permit” for “furnish or permit”, and “officer, employee or representative obtains” for “officer or employee obtains”, struck out “maintained by any person” after “establishment or other place”, substituted “officer, employee or representative obtains” for “officer or employee obtains”, and inserted “or has handled” after “otherwise handles” and “or have been” after “where hazardous wastes are”.

Subsec. (b)(1). Pub. L. 96-482, §12(b)(1)–(3), designated existing provisions as par. (1), inserted “or any officer, employee or representative thereof” before “has access under this section” and substituted “such information or particular portion thereof shall be considered” for “the Administrator (or the State, as the case may be) shall consider such information or portion thereof”.

Pub. L. 96-482, §12(b)(4), as modified by Pub. L. 98-616, §502(a), inserted “(including records, reports, or information obtained by representatives of the Environmental Protection Agency)” after “information”.

Subsec. (b)(2) to (4). Pub. L. 96-482, §12(b)(3), added pars. (2) to (4).

1978—Subsec. (a)(1). Pub. L. 95-609 substituted “disposed of, or transported from” for “or disposed of”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6933, 6934, 6937, 6939, 6945, 6992c, 7412, 9606 of this title.

§ 6928. Federal enforcement

(a) Compliance orders

(1) Except as provided in paragraph (2), whenever on the basis of any information the Administrator determines that any person has violated

or is in violation of any requirement of this subchapter, the Administrator may issue an order assessing a civil penalty for any past or current violation, requiring compliance immediately or within a specified time period, or both, or the Administrator may commence a civil action in the United States district court in the district in which the violation occurred for appropriate relief, including a temporary or permanent injunction.

(2) In the case of a violation of any requirement of this subchapter where such violation occurs in a State which is authorized to carry out a hazardous waste program under section 6926 of this title, the Administrator shall give notice to the State in which such violation has occurred prior to issuing an order or commencing a civil action under this section.

(3) Any order issued pursuant to this subsection may include a suspension or revocation of any permit issued by the Administrator or a State under this subchapter and shall state with reasonable specificity the nature of the violation. Any penalty assessed in the order shall not exceed \$25,000 per day of noncompliance for each violation of a requirement of this subchapter. In assessing such a penalty, the Administrator shall take into account the seriousness of the violation and any good faith efforts to comply with applicable requirements.

(b) Public hearing

Any order issued under this section shall become final unless, no later than thirty days after the order is served, the person or persons named therein request a public hearing. Upon such request the Administrator shall promptly conduct a public hearing. In connection with any proceeding under this section the Administrator may issue subpoenas for the attendance and testimony of witnesses and the production of relevant papers, books, and documents, and may promulgate rules for discovery procedures.

(c) Violation of compliance orders

If a violator fails to take corrective action within the time specified in a compliance order, the Administrator may assess a civil penalty of not more than \$25,000 for each day of continued noncompliance with the order and the Administrator may suspend or revoke any permit issued to the violator (whether issued by the Administrator or the State).

(d) Criminal penalties

Any person who—

(1) knowingly transports or causes to be transported any hazardous waste identified or listed under this subchapter to a facility which does not have a permit under this subchapter, or pursuant to title I of the Marine Protection, Research, and Sanctuaries Act (86 Stat. 1052) [33 U.S.C. 1411 et seq.],

(2) knowingly treats, stores, or disposes of any hazardous waste identified or listed under this subchapter—

(A) without a permit under this subchapter or pursuant to title I of the Marine Protection, Research, and Sanctuaries Act (86 Stat. 1052) [33 U.S.C. 1411 et seq.]; or

(B) in knowing violation of any material condition or requirement of such permit; or

(C) in knowing violation of any material condition or requirement of any applicable interim status regulations or standards;

(3) knowingly omits material information or makes any false material statement or representation in any application, label, manifest, record, report, permit, or other document filed, maintained, or used for purposes of compliance with regulations promulgated by the Administrator (or by a State in the case of an authorized State program) under this subchapter;

(4) knowingly generates, stores, treats, transports, disposes of, exports, or otherwise handles any hazardous waste or any used oil not identified or listed as a hazardous waste under this subchapter (whether such activity took place before or takes place after November 8, 1984) and who knowingly destroys, alters, conceals, or fails to file any record, application, manifest, report, or other document required to be maintained or filed for purposes of compliance with regulations promulgated by the Administrator (or by a State in the case of an authorized State program) under this subchapter;

(5) knowingly transports without a manifest, or causes to be transported without a manifest, any hazardous waste or any used oil not identified or listed as a hazardous waste under this subchapter required by regulations promulgated under this subchapter (or by a State in the case of a State program authorized under this subchapter) to be accompanied by a manifest;

(6) knowingly exports a hazardous waste identified or listed under this subchapter (A) without the consent of the receiving country or, (B) where there exists an international agreement between the United States and the government of the receiving country establishing notice, export, and enforcement procedures for the transportation, treatment, storage, and disposal of hazardous wastes, in a manner which is not in conformance with such agreement; or

(7) knowingly stores, treats, transports, or causes to be transported, disposes of, or otherwise handles any used oil not identified or listed as a hazardous waste under this subchapter—

(A) in knowing violation of any material condition or requirement of a permit under this subchapter; or

(B) in knowing violation of any material condition or requirement of any applicable regulations or standards under this chapter;

shall, upon conviction, be subject to a fine of not more than \$50,000 for each day of violation, or imprisonment not to exceed two years (five years in the case of a violation of paragraph (1) or (2)), or both. If the conviction is for a violation committed after a first conviction of such person under this paragraph, the maximum punishment under the respective paragraph shall be doubled with respect to both fine and imprisonment.

(e) Knowing endangerment

Any person who knowingly transports, treats, stores, disposes of, or exports any hazardous

waste identified or listed under this subchapter or used oil not identified or listed as a hazardous waste under this subchapter in violation of paragraph (1), (2), (3), (4), (5), (6), or (7) of subsection (d) of this section who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, shall, upon conviction, be subject to a fine of not more than \$250,000 or imprisonment for not more than fifteen years, or both. A defendant that is an organization shall, upon conviction of violating this subsection, be subject to a fine of not more than \$1,000,000.

(f) Special rules

For the purposes of subsection (e) of this section—

(1) A person's state of mind is knowing with respect to—

(A) his conduct, if he is aware of the nature of his conduct;

(B) an existing circumstance, if he is aware or believes that the circumstance exists; or

(C) a result of his conduct, if he is aware or believes that his conduct is substantially certain to cause danger of death or serious bodily injury.

(2) In determining whether a defendant who is a natural person knew that his conduct placed another person in imminent danger of death or serious bodily injury—

(A) the person is responsible only for actual awareness or actual belief that he possessed; and

(B) knowledge possessed by a person other than the defendant but not by the defendant himself may not be attributed to the defendant;

Provided, That in proving the defendant's possession of actual knowledge, circumstantial evidence may be used, including evidence that the defendant took affirmative steps to shield himself from relevant information.

(3) It is an affirmative defense to a prosecution that the conduct charged was consented to by the person endangered and that the danger and conduct charged were reasonably foreseeable hazards of—

(A) an occupation, a business, or a profession; or

(B) medical treatment or medical or scientific experimentation conducted by professionally approved methods and such other person had been made aware of the risks involved prior to giving consent.

The defendant may establish an affirmative defense under this subsection by a preponderance of the evidence.

(4) All general defenses, affirmative defenses, and bars to prosecution that may apply with respect to other Federal criminal offenses may apply under subsection (e) of this section and shall be determined by the courts of the United States according to the principles of common law as they may be interpreted in the light of reason and experience. Concepts of justification and excuse applicable under this section may be developed in the light of reason and experience.

(5) The term "organization" means a legal entity, other than a government, established, or organized for any purpose, and such term includes a corporation, company, association, firm, partnership, joint stock company, foundation, institution, trust, society, union, or any other association of persons.

(6) The term "serious bodily injury" means—

(A) bodily injury which involves a substantial risk of death;

(B) unconsciousness;

(C) extreme physical pain;

(D) protracted and obvious disfigurement; or

(E) protracted loss or impairment of the function of a bodily member, organ, or mental faculty.

(g) Civil penalty

Any person who violates any requirement of this subchapter shall be liable to the United States for a civil penalty in an amount not to exceed \$25,000 for each such violation. Each day of such violation shall, for purposes of this subsection, constitute a separate violation.

(h) Interim status corrective action orders

(1) Whenever on the basis of any information the Administrator determines that there is or has been a release of hazardous waste into the environment from a facility authorized to operate under section 6925(e) of this title, the Administrator may issue an order requiring corrective action or such other response measure as he deems necessary to protect human health or the environment or the Administrator may commence a civil action in the United States district court in the district in which the facility is located for appropriate relief, including a temporary or permanent injunction.

(2) Any order issued under this subsection may include a suspension or revocation of authorization to operate under section 6925(e) of this title, shall state with reasonable specificity the nature of the required corrective action or other response measure, and shall specify a time for compliance. If any person named in an order fails to comply with the order, the Administrator may assess, and such person shall be liable to the United States for, a civil penalty in an amount not to exceed \$25,000 for each day of noncompliance with the order.

(Pub. L. 89-272, title II, §3008, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2811; amended Pub. L. 95-609, §7(k), Nov. 8, 1978, 92 Stat. 3082; Pub. L. 96-482, §13, Oct. 21, 1980, 94 Stat. 2339; Pub. L. 98-616, title II, §§232, 233, 245(c), title IV, §403(d)(1)-(3), Nov. 8, 1984, 98 Stat. 3256, 3257, 3264, 3272; Pub. L. 99-499, title II, §205(i), Oct. 17, 1986, 100 Stat. 1703.)

REFERENCES IN TEXT

The Marine Protection, Research, and Sanctuaries Act, referred to in subsec. (d)(1), (2)(A), probably means the Marine Protection, Research, and Sanctuaries Act of 1972, Pub. L. 92-532, Oct. 23, 1972, 86 Stat. 1052, as amended. Title I of the Marine Protection, Research, and Sanctuaries Act of 1972 is classified generally to subchapter I (§1411 et seq.) of chapter 27 of Title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short Title note set out under section 1401 of Title 33 and Tables.

AMENDMENTS

1986—Subsec. (d)(4). Pub. L. 99-499, §205(i)(1), inserted “or any used oil not identified or listed as a hazardous waste under this subchapter”.

Subsec. (d)(5). Pub. L. 99-499, §205(i)(1), (2), inserted “or any used oil not identified or listed as a hazardous waste under this subchapter” and struck out “; or” after “accompanied by a manifest;”.

Subsec. (d)(6). Pub. L. 99-499, §205(i)(3), inserted at end “; or”.

Subsec. (d)(7). Pub. L. 99-499, §205(i)(4), added par. (7).

Subsec. (e). Pub. L. 99-499, §205(i)(5), inserted “or used oil not identified or listed as a hazardous waste under this subchapter” and substituted “(5), (6), or (7)” for “(5), or (6)”.

1984—Subsec. (a)(1). Pub. L. 98-616, §403(d)(1), in amending par. (1) generally, expanded authority of Administrator by empowering him to determine that a person “has violated” a requirement of this subchapter, and to assess a civil penalty for a past or current violation.

Subsec. (a)(3). Pub. L. 98-616, §403(d)(2), in amending par. (3) generally, substituted provision that any order issued pursuant to this subsection may include a suspension or revocation of any permit issued by the Administrator or a State under this subchapter and shall state with reasonable specificity the nature of the violation, and provision that any penalty assessed in the order shall not exceed \$25,000 per day of noncompliance for each violation of a requirement of this subchapter, and that in assessing such a penalty, the Administrator take into account the seriousness of the violation and any good faith efforts to comply with applicable requirements, for provision that if such violator fails to take corrective action within the time specified in the order, he shall be liable for a civil penalty of not more than \$25,000 for each day of continued noncompliance and the Administrator may suspend or revoke any permit issued to the violator, whether issued by the Administrator or the State.

Subsec. (b). Pub. L. 98-616, §233(b), inserted “issued under this section”.

Subsec. (c). Pub. L. 98-616, §403(d)(3), substituted provisions relating to penalties for violation of compliance orders for former provisions which set forth requirements for compliance orders.

Subsec. (d). Pub. L. 98-616, §232(a)(3), amended closing provisions generally. Prior to amendment, closing provisions read as follows: “shall, upon conviction, be subject to a fine of not more than \$25,000 (\$50,000 in the case of a violation of paragraph (1) or (2)) for each day of violation, or to imprisonment not to exceed one year (two years in the case of a violation of paragraph (1) or (2)), or both. If the conviction is for a violation committed after a first conviction of such person under this paragraph, punishment shall be by a fine of not more than \$50,000 per day of violation, or by imprisonment for not more than two years, or by both.”

Subsec. (d)(1). Pub. L. 98-616, §232(a)(1), inserted “or causes to be transported” and substituted “this subchapter” for “section 6925 of this title (or section 6926 of this title in case of a State program)”.

Subsec. (d)(2). Pub. L. 98-616, §232(a)(2)(A), struck out “either” after “subchapter” in provision preceding subpar. (A).

Subsec. (d)(2)(A). Pub. L. 98-616, §232(a)(2)(B), (c), substituted “this subchapter” for “section 6925 of this title (or section 6926 of this title in the case of a State program)” and struck out “having obtained” before “a permit under”.

Subsec. (d)(2)(C). Pub. L. 98-616, §232(a)(2)(C), added subpar. (C).

Subsec. (d)(3) to (5). Pub. L. 98-616, §232(a)(3), in amending pars. (3) and (4) generally, expanded par. (3) by providing criminal penalties for one who knowingly omits material information from documents required to be filed, maintained or used under this subchapter, expanded par. (4) by providing criminal penalties for one who knowingly fails to file required material under this subchapter, and added par. (5).

Subsec. (d)(6). Pub. L. 98-616, §245(c), added par. (6).

Subsec. (e). Pub. L. 98-616, §232(b), in amending subsec. (e) generally, struck out provisions referring to violations of interim status standards and omission of material information from permit applications, struck out provision requiring proof of “unjustifiable and inexcusable disregard for human life” or “extreme indifference to human life” for conviction under this subsection, and inserted provision increasing maximum prison sentence to fifteen years for violation of subsec. (d)(1) through (6) of this section by one who knowingly places another person in imminent danger of death or serious bodily injury, replacing former provision calling for maximum imprisonment of two years, or five years in cases evidencing extreme indifference to human life.

Subsec. (h). Pub. L. 98-616, §233(a), added subsec. (h).

1980—Subsec. (a)(1). Pub. L. 96-482, §13(1), (2), struck out “the Administrator shall give notice to the violator of his failure to comply with such requirement. If such violation extends beyond the thirtieth day after the Administrator’s notification” before “the Administrator may issue” and substituted “compliance immediately or within a specified time period” for “compliance within a specified time period”.

Subsec. (a)(2). Pub. L. 96-482, §13(2), struck out “thirty days” after “violation has occurred”.

Subsec. (b). Pub. L. 96-482, §13(3), substituted “order shall become final unless, no later than thirty days after the order is served” for “order or any suspension or revocation of a permit shall become final unless, no later than thirty days after the order or notice of the suspension or revocation is served”.

Subsec. (c). Pub. L. 96-482, §13(4), authorized orders for suspension or revocation of permits.

Subsec. (d). Pub. L. 96-482, §13(5), in par. (2), designated existing provisions as subpar. (A) and added subpar. (B), in par. (3), inserted provision requiring the statement or representation to be material, added par. (4), and in provisions following par. (4), inserted provision authorizing a fine of \$50,000 and a two year imprisonment for violation of par. (1) or (2).

Subsecs. (e) to (g). Pub. L. 96-482, §13(5), added subsecs. (e) to (g).

1978—Subsec. (d)(1). Pub. L. 95-609, §7(k)(1), inserted provision relating to title I of the Marine Protection, Research, and Sanctuaries Act.

Subsec. (d)(2). Pub. L. 95-609, §7(k)(2), inserted provisions relating to treatment or storage of hazardous wastes and relating to title I of the Marine Protection, Research, and Sanctuaries Act.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6924, 6939c, 6945, 6972, 6992d, 7412, 9606 of this title; title 26 section 4662.

§ 6929. Retention of State authority

Upon the effective date of regulations under this subchapter no State or political subdivision may impose any requirements less stringent than those authorized under this subchapter respecting the same matter as governed by such regulations, except that if application of a regulation with respect to any matter under this subchapter is postponed or enjoined by the action of any court, no State or political subdivision shall be prohibited from acting with respect to the same aspect of such matter until such

time as such regulation takes effect. Nothing in this chapter shall be construed to prohibit any State or political subdivision thereof from imposing any requirements, including those for site selection, which are more stringent than those imposed by such regulations. Nothing in this chapter (or in any regulation adopted under this chapter) shall be construed to prohibit any State from requiring that the State be provided with a copy of each manifest used in connection with hazardous waste which is generated within that State or transported to a treatment, storage, or disposal facility within that State.

(Pub. L. 89-272, title II, §3009, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2812; amended Pub. L. 96-482, §14, Oct. 21, 1980, 94 Stat. 2342; Pub. L. 98-616, title II, §213(b), Nov. 8, 1984, 98 Stat. 3242.)

AMENDMENTS

1984—Pub. L. 98-616 inserted “Nothing in this chapter (or in any regulation adopted under this chapter) shall be construed to prohibit any State from requiring that the State be provided with a copy of each manifest used in connection with hazardous waste which is generated within that State or transported to a treatment, storage, or disposal facility within that State.”

1980—Pub. L. 96-482 prohibited construction of this chapter as barring a State from imposing more stringent requirements than provided in Federal regulations.

§ 6930. Effective date

(a) Preliminary notification

Not later than ninety days after promulgation of regulations under section 6921 of this title identifying by its characteristics or listing any substance as hazardous waste subject to this subchapter, any person generating or transporting such substance or owning or operating a facility for treatment, storage, or disposal of such substance shall file with the Administrator (or with States having authorized hazardous waste permit programs under section 6926 of this title) a notification stating the location and general description of such activity and the identified or listed hazardous wastes handled by such person. Not later than fifteen months after November 8, 1984—

(1) the owner or operator of any facility which produces a fuel (A) from any hazardous waste identified or listed under section 6921 of this title, (B) from such hazardous waste identified or listed under section 6921 of this title and any other material, (C) from used oil, or (D) from used oil and any other material;

(2) the owner or operator of any facility (other than a single- or two-family residence) which burns for purposes of energy recovery any fuel produced as provided in paragraph (1) or any fuel which otherwise contains used oil or any hazardous waste identified or listed under section 6921 of this title; and

(3) any person who distributes or markets any fuel which is produced as provided in paragraph (1) or any fuel which otherwise contains used oil or any hazardous waste identified or listed under section 6921 of this title¹

shall file with the Administrator (and with the State in the case of a State with an authorized

hazardous waste program) a notification stating the location and general description of the facility, together with a description of the identified or listed hazardous waste involved and, in the case of a facility referred to in paragraph (1) or (2), a description of the production or energy recovery activity carried out at the facility and such other information as the Administrator deems necessary. For purposes of the preceding provisions, the term “hazardous waste listed under section 6921 of this title” also includes any commercial chemical product which is listed under section 6921 of this title and which, in lieu of its original intended use, is (i) produced for use as (or as a component of) a fuel, (ii) distributed for use as a fuel, or (iii) burned as a fuel. Notification shall not be required under the second sentence of this subsection in the case of facilities (such as residential boilers) where the Administrator determines that such notification is not necessary in order for the Administrator to obtain sufficient information respecting current practices of facilities using hazardous waste for energy recovery. Nothing in this subsection shall be construed to affect or impair the provisions of section 6921(b)(3) of this title. Nothing in this subsection shall affect regulatory determinations under section 6935 of this title. In revising any regulation under section 6921 of this title identifying additional characteristics of hazardous waste or listing any additional substance as hazardous waste subject to this subchapter, the Administrator may require any person referred to in the preceding provisions to file with the Administrator (or with States having authorized hazardous waste permit programs under section 6926 of this title) the notification described in the preceding provisions. Not more than one such notification shall be required to be filed with respect to the same substance. No identified or listed hazardous waste subject to this subchapter may be transported, treated, stored, or disposed of unless notification has been given as required under this subsection.

(b) Effective date of regulation

The regulations under this subchapter respecting requirements applicable to the generation, transportation, treatment, storage, or disposal of hazardous waste (including requirements respecting permits for such treatment, storage, or disposal) shall take effect on the date six months after the date of promulgation thereof (or six months after the date of revision in the case of any regulation which is revised after the date required for promulgation thereof). At the time a regulation is promulgated, the Administrator may provide for a shorter period prior to the effective date, or an immediate effective date for:

(1) a regulation with which the Administrator finds the regulated community does not need six months to come into compliance;

(2) a regulation which responds to an emergency situation; or

(3) other good cause found and published with the regulation.

(Pub. L. 89-272, title II, §3010, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2812; amended Pub. L. 96-482, §15, Oct. 21, 1980, 94 Stat. 2342;

¹ So in original. Probably should be followed by a semicolon.

Pub. L. 98-616, title II, §§204(a), 234, Nov. 8, 1984, 98 Stat. 3235, 3258.)

AMENDMENTS

1984—Subsec. (a). Pub. L. 98-616, §204(a), inserted provisions after first sentence relating to burning and blending of hazardous wastes and substituted “the preceding provisions” for “the preceding sentence” in three places.

Subsec. (b). Pub. L. 98-616, §234, inserted provision that at the time a regulation is promulgated, the Administrator may provide for a shorter period prior to the effective date, or an immediate effective date for a regulation with which the Administrator finds the regulated community does not need six months to come into compliance, a regulation which responds to an emergency situation, or other good cause found and published with the regulation.

1980—Subsec. (a). Pub. L. 96-482 struck out “or revision” after “after promulgation or revision of regulations” and inserted provision for filing of notification when revising any regulation identifying additional characteristics of hazardous waste or listing any additional substance as hazardous waste subject to this subchapter.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6921, 6924, 6925, 6937, 6939, 6971, 9620 of this title.

§ 6931. Authorization of assistance to States

(a) Authorization of appropriations

There is authorized to be appropriated \$25,000,000 for each of the fiscal years 1978 and 1979¹ \$20,000,000 for fiscal year 1980, \$35,000,000 for fiscal year 1981, \$40,000,000 for the fiscal year 1982, \$55,000,000 for the fiscal year 1985, \$60,000,000 for the fiscal year 1986, \$60,000,000 for the fiscal year 1987, and \$60,000,000 for the fiscal year 1988 to be used to make grants to the States for purposes of assisting the States in the development and implementation of authorized State hazardous waste programs.

(b) Allocation

Amounts authorized to be appropriated under subsection (a) of this section shall be allocated among the States on the basis of regulations promulgated by the Administrator, after consultation with the States, which take into account, the extent to which hazardous waste is generated, transported, treated, stored, and disposed of within such State, the extent of exposure of human beings and the environment within such State to such waste, and such other factors as the Administrator deems appropriate.

(c) Activities included

State hazardous waste programs for which grants may be made under subsection (a) of this section may include (but shall not be limited to) planning for hazardous waste treatment, storage and disposal facilities, and the development and

execution of programs to protect health and the environment from inactive facilities which may contain hazardous waste.

(Pub. L. 89-272, title II, §3011, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2812; amended Pub. L. 96-482, §§16, 31(b), Oct. 21, 1980, 94 Stat. 2342, 2352; Pub. L. 98-616, §2(b), Nov. 8, 1984, 98 Stat. 3222.)

AMENDMENTS

1984—Subsec. (a). Pub. L. 98-616 substituted “\$40,000,000 for fiscal year 1982, \$55,000,000 for fiscal year 1985, \$60,000,000 for fiscal year 1986, \$60,000,000 for fiscal year 1987, and \$60,000,000 for fiscal year 1988” for “and \$40,000,000 for fiscal year 1982”.

1980—Subsec. (a). Pub. L. 96-482, §31(b), authorized appropriation of \$20,000,000, \$35,000,000, and \$40,000,000 for fiscal years 1980, 1981, and 1982, respectively.

Subsec. (c). Pub. L. 96-482, §16, added subsec. (c).

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6916 of this title.

§ 6932. Transferred

CODIFICATION

Section, Pub. L. 89-272, title II, §3012, as added Pub. L. 96-463, §7(a), Oct. 15, 1980, 94 Stat. 2057, was redesignated section 3014 of Pub. L. 89-272 by Pub. L. 98-616, title V, §502(g)(1), Nov. 8, 1984, 98 Stat. 3277, and was transferred to section 6935 of this title.

§ 6933. Hazardous waste site inventory

(a) State inventory programs

Each State shall, as expeditiously as practicable, undertake a continuing program to compile, publish, and submit to the Administrator an inventory describing the location of each site within such State at which hazardous waste has at any time been stored or disposed of. Such inventory shall contain—

(1) a description of the location of the sites at which any such storage or disposal has taken place before the date on which permits are required under section 6925 of this title for such storage or disposal;

(2) such information relating to the amount, nature, and toxicity of the hazardous waste at each such site as may be practicable to obtain and as may be necessary to determine the extent of any health hazard which may be associated with such site;

(3) the name and address, or corporate headquarters of, the owner of each such site, determined as of the date of preparation of the inventory;

(4) an identification of the types or techniques of waste treatment or disposal which have been used at each such site; and

(5) information concerning the current status of the site, including information respecting whether or not hazardous waste is currently being treated or disposed of at such site (and if not, the date on which such activ-

¹ So in original. Probably should be followed by a comma.

ity ceased) and information respecting the nature of any other activity currently carried out at such site.

For purposes of assisting the States in compiling information under this section, the Administrator shall make available to each State undertaking a program under this section such information as is available to him concerning the items specified in paragraphs (1) through (5) with respect to the sites within such State, including such information as the Administrator is able to obtain from other agencies or departments of the United States and from surveys and studies carried out by any committee or subcommittee of the Congress. Any State may exercise the authority of section 6927 of this title for purposes of this section in the same manner and to the same extent as provided in such section in the case of States having an authorized hazardous waste program, and any State may by order require any person to submit such information as may be necessary to compile the data referred to in paragraphs (1) through (5).

(b) Environmental Protection Agency program

If the Administrator determines that any State program under subsection (a) of this section is not adequately providing information respecting the sites in such State referred to in subsection (a) of this section, the Administrator shall notify the State. If within ninety days following such notification, the State program has not been revised or amended in such manner as will adequately provide such information, the Administrator shall carry out the inventory program in such State. In any such case—

- (1) the Administrator shall have the authorities provided with respect to State programs under subsection (a) of this section;
- (2) the funds allocated under subsection (c) of this section for grants to States under this section may be used by the Administrator for carrying out such program in such State; and
- (3) no further expenditure may be made for grants to such State under this section until such time as the Administrator determines that such State is carrying out, or will carry out, an inventory program which meets the requirements of this section.

(c) Grants

(1) Upon receipt of an application submitted by any State to carry out a program under this section, the Administrator may make grants to the States for purposes of carrying out such a program. Grants under this section shall be allocated among the several States by the Administrator based upon such regulations as he prescribes to carry out the purposes of this section. The Administrator may make grants to any State which has conducted an inventory program which effectively carried out the purposes of this section before October 21, 1980, to reimburse such State for all, or any portion of, the costs incurred by such State in conducting such program.

(2) There are authorized to be appropriated to carry out this section \$25,000,000 for each of the fiscal years 1985 through 1988.

(d) No impediment to immediate remedial action

Nothing in this section shall be construed to provide that the Administrator or any State should, pending completion of the inventory required under this section, postpone undertaking any enforcement or remedial action with respect to any site at which hazardous waste has been treated, stored, or disposed of.

(Pub. L. 89-272, title II, §3012, as added Pub. L. 96-482, §17(a), Oct. 21, 1980, 94 Stat. 2342; amended Pub. L. 98-616, §2(c), Nov. 8, 1984, 98 Stat. 3222.)

CODIFICATION

Another section 3012 of Pub. L. 89-272 as added by Pub. L. 96-463, §7(a), Oct. 15, 1980, 94 Stat. 2057, was redesignated section 3014 of Pub. L. 89-272, and is classified to section 6935 of this title.

AMENDMENTS

1984—Subsec. (c)(2). Pub. L. 98-616 substituted “\$25,000,000 for each of the fiscal years 1985 through 1988” for “\$20,000,000”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6934. Monitoring, analysis, and testing

(a) Authority of Administrator

If the Administrator determines, upon receipt of any information, that—

- (1) the presence of any hazardous waste at a facility or site at which hazardous waste is, or has been, stored, treated, or disposed of, or
- (2) the release of any such waste from such facility or site

may present a substantial hazard to human health or the environment, he may issue an order requiring the owner or operator of such facility or site to conduct such monitoring, testing, analysis, and reporting with respect to such facility or site as the Administrator deems reasonable to ascertain the nature and extent of such hazard.

(b) Previous owners and operators

In the case of any facility or site not in operation at the time a determination is made under subsection (a) of this section with respect to the facility or site, if the Administrator finds that the owner of such facility or site could not reasonably be expected to have actual knowledge of the presence of hazardous waste at such facility or site and of its potential for release, he may issue an order requiring the most recent previous owner or operator of such facility or site who could reasonably be expected to have such actual knowledge to carry out the actions referred to in subsection (a) of this section.

(c) Proposal

An order under subsection (a) or (b) of this section shall require the person to whom such order is issued to submit to the Administrator within 30 days from the issuance of such order a proposal for carrying out the required monitoring,

testing, analysis, and reporting. The Administrator may, after providing such person with an opportunity to confer with the Administrator respecting such proposal, require such person to carry out such monitoring, testing, analysis, and reporting in accordance with such proposal, and such modifications in such proposal as the Administrator deems reasonable to ascertain the nature and extent of the hazard.

(d) Monitoring, etc., carried out by Administrator

(1) If the Administrator determines that no owner or operator referred to in subsection (a) or (b) of this section is able to conduct monitoring, testing, analysis, or reporting satisfactory to the Administrator, if the Administrator deems any such action carried out by an owner or operator to be unsatisfactory, or if the Administrator cannot initially determine that there is an owner or operator referred to in subsection (a) or (b) of this section who is able to conduct such monitoring, testing, analysis, or reporting, he may—

(A) conduct monitoring, testing, or analysis (or any combination thereof) which he deems reasonable to ascertain the nature and extent of the hazard associated with the site concerned, or

(B) authorize a State or local authority or other person to carry out any such action,

and require, by order, the owner or operator referred to in subsection (a) or (b) of this section to reimburse the Administrator or other authority or person for the costs of such activity.

(2) No order may be issued under this subsection requiring reimbursement of the costs of any action carried out by the Administrator which confirms the results of an order issued under subsection (a) or (b) of this section.

(3) For purposes of carrying out this subsection, the Administrator or any authority or other person authorized under paragraph (1), may exercise the authorities set forth in section 6927 of this title.

(e) Enforcement

The Administrator may commence a civil action against any person who fails or refuses to comply with any order issued under this section. Such action shall be brought in the United States district court in which the defendant is located, resides, or is doing business. Such court shall have jurisdiction to require compliance with such order and to assess a civil penalty of not to exceed \$5,000 for each day during which such failure or refusal occurs.

(Pub. L. 89-272, title II, §3013, as added Pub. L. 96-482, §17(a), Oct. 21, 1980, 94 Stat. 2344.)

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6939, 7412, 9606 of this title.

§ 6935. Restrictions on recycled oil

(a) In general

Not later than one year after October 15, 1980, the Administrator shall promulgate regulations establishing such performance standards and other requirements as may be necessary to protect the public health and the environment from hazards associated with recycled oil. In developing such regulations, the Administrator shall conduct an analysis of the economic impact of the regulations on the oil recycling industry. The Administrator shall ensure that such regulations do not discourage the recovery or recycling of used oil, consistent with the protection of human health and the environment.

(b) Identification or listing of used oil as hazardous waste

Not later than twelve months after November 8, 1984, the Administrator shall propose whether to list or identify used automobile and truck crankcase oil as hazardous waste under section 6921 of this title. Not later than twenty-four months after November 8, 1984, the Administrator shall make a final determination whether to list or identify used automobile and truck crankcase oil and other used oil as hazardous wastes under section 6921 of this title.

(c) Used oil which is recycled

(1) With respect to generators and transporters of used oil identified or listed as a hazardous waste under section 6921 of this title, the standards promulgated under section¹ 6921(d), 6922, and 6923 of this title shall not apply to such used oil if such used oil is recycled.

(2)(A) In the case of used oil which is exempt under paragraph (1), not later than twenty-four months after November 8, 1984, the Administrator shall promulgate such standards under this subsection regarding the generation and transportation of used oil which is recycled as may be necessary to protect human health and the environment. In promulgating such regulations with respect to generators, the Administrator shall take into account the effect of such regulations on environmentally acceptable types of used oil recycling and the effect of such regulations on small quantity generators and generators which are small businesses (as defined by the Administrator).

(B) The regulations promulgated under this subsection shall provide that no generator of used oil which is exempt under paragraph (1) from the standards promulgated under section¹ 6921(d), 6922, and 6923 of this title shall be subject to any manifest requirement or any associated recordkeeping and reporting requirement with respect to such used oil if such generator—

(i) either—

(I) enters into an agreement or other arrangement (including an agreement or arrangement with an independent transporter or with an agent of the recycler) for delivery of such used oil to a recycling facility which has a permit under section 6925(c) of this title (or for which a valid permit is deemed to be in effect under subsection (d) of this section), or

¹ So in original. Probably should be "sections".

(II) recycles such used oil at one or more facilities of the generator which has such a permit under section 6925 of this title (or for which a valid permit is deemed to have been issued under subsection (d) of this section);

(ii) such used oil is not mixed by the generator with other types of hazardous wastes; and

(iii) the generator maintains such records relating to such used oil, including records of agreements or other arrangements for delivery of such used oil to any recycling facility referred to in clause (i)(I), as the Administrator deems necessary to protect human health and the environment.

(3) The regulations under this subsection regarding the transportation of used oil which is exempt from the standards promulgated under section¹ 6921(d), 6922, and 6923 of this title under paragraph (1) shall require the transporters of such used oil to deliver such used oil to a facility which has a valid permit under section 6925 of this title or which is deemed to have a valid permit under subsection (d) of this section. The Administrator shall also establish other standards for such transporters as may be necessary to protect human health and the environment.

(d) Permits

(1) The owner or operator of a facility which recycles used oil which is exempt under subsection (c)(1) of this section, shall be deemed to have a permit under this subsection for all such treatment or recycling (and any associated tank or container storage) if such owner and operator comply with standards promulgated by the Administrator under section 6924 of this title; except that the Administrator may require such owners and operators to obtain an individual permit under section 6925(c) of this title if he determines that an individual permit is necessary to protect human health and the environment.

(2) Notwithstanding any other provision of law, any generator who recycles used oil which is exempt under subsection (c)(1) of this section shall not be required to obtain a permit under section 6925(c) of this title with respect to such used oil until the Administrator has promulgated standards under section 6924 of this title regarding the recycling of such used oil.

(Pub. L. 89-272, title II, §3014, formerly §3012, as added Pub. L. 96-463, §7(a), Oct. 15, 1980, 94 Stat. 2057, and renumbered and amended Pub. L. 98-616, title II, §§241(a), 242, title V, §502(g)(1), Nov. 8, 1984, 98 Stat. 3258, 3260, 3277.)

CODIFICATION

Section was formerly classified to section 6932 of this title.

AMENDMENTS

1984—Subsec. (a). Pub. L. 98-616, §§241(a), 242, designated existing provisions as subsec. (a) and inserted “, consistent with the protection of human health and the environment” at end.

Subsecs. (b) to (d). Pub. L. 98-616, §241(a), added subsecs. (b) to (d).

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector,

Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6926, 6930, 6976, 9614 of this title.

§ 6936. Expansion during interim status

(a) Waste piles

The owner or operator of a waste pile qualifying for the authorization to operate under section 6925(e) of this title shall be subject to the same requirements for liners and leachate collection systems or equivalent protection provided in regulations promulgated by the Administrator under section 6924 of this title before October 1, 1982, or revised under section 6924(o) of this title (relating to minimum technological requirements), for new facilities receiving individual permits under subsection (c) of section 6925 of this title, with respect to each new unit, replacement of an existing unit, or lateral expansion of an existing unit that is within the waste management area identified in the permit application submitted under section 6925 of this title, and with respect to waste received beginning six months after November 8, 1984.

(b) Landfills and surface impoundments

(1) The owner or operator of a landfill or surface impoundment qualifying for the authorization to operate under section 6925(e) of this title shall be subject to the requirements of section 6924(o) of this title (relating to minimum technological requirements), with respect to each new unit, replacement of an existing unit, or lateral expansion of an existing unit that is within the waste management area identified in the permit application submitted under this section, and with respect to waste received beginning 6 months after November 8, 1984.

(2) The owner or operator of each unit referred to in paragraph (1) shall notify the Administrator (or the State, if appropriate) at least sixty days prior to receiving waste. The Administrator (or the State) shall require the filing, within six months of receipt of such notice, of an application for a final determination regarding the issuance of a permit for each facility submitting such notice.

(3) In the case of any unit in which the liner and leachate collection system has been installed pursuant to the requirements of this section and in good faith compliance with the Administrator's regulations and guidance documents governing liners and leachate collection systems, no liner or leachate collection system which is different from that which was so installed pursuant to this section shall be required for such unit by the Administrator when issuing the first permit under section 6925 of this title to such facility, except that the Administrator shall not be precluded from requiring installation of a new liner when the Administrator has reason to believe that any liner installed pursuant to the requirements of this section is leaking. The Administrator may, under section 6924 of this title, amend the requirements for liners and leachate collection systems required under

this section as may be necessary to provide additional protection for human health and the environment.

(Pub. L. 89-272, title II, §3015, as added Pub. L. 98-616, title II, §243(a), Nov. 8, 1984, 98 Stat. 3260.)

§ 6937. Inventory of Federal agency hazardous waste facilities

(a) Program requirement; submission; availability; contents

Each Federal agency shall undertake a continuing program to compile, publish, and submit to the Administrator (and to the State in the case of sites in States having an authorized hazardous waste program) an inventory of each site which the Federal agency owns or operates or has owned or operated at which hazardous waste is stored, treated, or disposed of or has been disposed of at any time. The inventory shall be submitted every two years beginning January 31, 1986. Such inventory shall be available to the public as provided in section 6927(b) of this title. Information previously submitted by a Federal agency under section 9603 of this title, or under section 6925 or 6930 of this title, or under this section need not be resubmitted except that the agency shall update any previous submission to reflect the latest available data and information. The inventory shall include each of the following:

(1) A description of the location of each site at which any such treatment, storage, or disposal has taken place before the date on which permits are required under section 6925 of this title for such storage, treatment, or disposal, and where hazardous waste has been disposed, a description of hydrogeology of the site and the location of withdrawal wells and surface water within one mile of the site.

(2) Such information relating to the amount, nature, and toxicity of the hazardous waste in each site as may be necessary to determine the extent of any health hazard which may be associated with any site.

(3) Information on the known nature and extent of environmental contamination at each site, including a description of the monitoring data obtained.

(4) Information concerning the current status of the site, including information respecting whether or not hazardous waste is currently being treated, stored, or disposed of at such site (and if not, the date on which such activity ceased) and information respecting the nature of any other activity currently carried out at such site.

(5) A list of sites at which hazardous waste has been disposed and environmental monitoring data has not been obtained, and the reasons for the lack of monitoring data at each site.

(6) A description of response actions undertaken or contemplated at contaminated sites.

(7) An identification of the types of techniques of waste treatment, storage, or disposal which have been used at each site.

(8) The name and address and responsible Federal agency for each site, determined as of the date of preparation of the inventory.

(b) Environmental Protection Agency program

If the Administrator determines that any Federal agency under subsection (a) of this section is not adequately providing information respecting the sites referred to in subsection (a) of this section, the Administrator shall notify the chief official of such agency. If within ninety days following such notification, the Federal agency has not undertaken a program to adequately provide such information, the Administrator shall carry out the inventory program for such agency.

(Pub. L. 89-272, title II, §3016, as added Pub. L. 98-616, title II, §244, Nov. 8, 1984, 98 Stat. 3261.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 9620 of this title.

§ 6938. Export of hazardous wastes

(a) In general

Beginning twenty-four months after November 8, 1984, no person shall export any hazardous waste identified or listed under this subchapter unless¹

(1)(A) such person has provided the notification required in subsection (c) of this section,

(B) the government of the receiving country has consented to accept such hazardous waste,

(C) a copy of the receiving country's written consent is attached to the manifest accompanying each waste shipment, and

(D) the shipment conforms with the terms of the consent of the government of the receiving country required pursuant to subsection (e) of this section, or

(2) the United States and the government of the receiving country have entered into an agreement as provided for in subsection (f) of this section and the shipment conforms with the terms of such agreement.

(b) Regulations

Not later than twelve months after November 8, 1984, the Administrator shall promulgate the regulations necessary to implement this section. Such regulations shall become effective one hundred and eighty days after promulgation.

(c) Notification

Any person who intends to export a hazardous waste identified or listed under this subchapter beginning twelve months after November 8, 1984, shall, before such hazardous waste is scheduled to leave the United States, provide notification to the Administrator. Such notification shall contain the following information:

(1) the name and address of the exporter;

(2) the types and estimated quantities of hazardous waste to be exported;

(3) the estimated frequency or rate at which such waste is to be exported; and the period of time over which such waste is to be exported;

(4) the ports of entry;

(5) a description of the manner in which such hazardous waste will be transported to and treated, stored, or disposed in the receiving country; and

(6) the name and address of the ultimate treatment, storage or disposal facility.

¹ So in original. Probably should be followed by a dash.

(d) Procedures for requesting consent of receiving country

Within thirty days of the Administrator's receipt of a complete notification under this section, the Secretary of State, acting on behalf of the Administrator, shall—

- (1) forward a copy of the notification to the government of the receiving country;
- (2) advise the government that United States law prohibits the export of hazardous waste unless the receiving country consents to accept the hazardous waste;
- (3) request the government to provide the Secretary with a written consent or objection to the terms of the notification; and
- (4) forward to the government of the receiving country a description of the Federal regulations which would apply to the treatment, storage, and disposal of the hazardous waste in the United States.

(e) Conveyance of written consent to exporter

Within thirty days of receipt by the Secretary of State of the receiving country's written consent or objection (or any subsequent communication withdrawing a prior consent or objection), the Administrator shall forward such a consent, objection, or other communication to the exporter.

(f) International agreements

Where there exists an international agreement between the United States and the government of the receiving country establishing notice, export, and enforcement procedures for the transportation, treatment, storage, and disposal of hazardous wastes, only the requirements of subsections (a)(2) and (g) of this section shall apply.

(g) Reports

After November 8, 1984, any person who exports any hazardous waste identified or listed under section 6921 of this title shall file with the Administrator no later than March 1 of each year, a report summarizing the types, quantities, frequency, and ultimate destination of all such hazardous waste exported during the previous calendar year.

(h) Other standards

Nothing in this section shall preclude the Administrator from establishing other standards for the export of hazardous wastes under section 6922 of this title or section 6923 of this title.

(Pub. L. 89-272, title II, §3017, as added Pub. L. 98-616, title II, §245(a), Nov. 8, 1984, 98 Stat. 3262.)

§ 6939. Domestic sewage**(a) Report**

The Administrator shall, not later than 15 months after November 8, 1984, submit a report to the Congress concerning those substances identified or listed under section 6921 of this title which are not regulated under this subchapter by reason of the exclusion for mixtures of domestic sewage and other wastes that pass through a sewer system to a publicly owned treatment works. Such report shall include the types, size and number of generators which dispose of such substances in this manner, the types and quantities disposed of in this manner,

and the identification of significant generators, wastes, and waste constituents not regulated under existing Federal law or regulated in a manner sufficient to protect human health and the environment.

(b) Revisions of regulations

Within eighteen months after submitting the report specified in subsection (a) of this section, the Administrator shall revise existing regulations and promulgate such additional regulations pursuant to this subchapter (or any other authority of the Administrator, including section 1317 of title 33) as are necessary to assure that substances identified or listed under section 6921 of this title which pass through a sewer system to a publicly owned treatment works are adequately controlled to protect human health and the environment.

(c) Report on wastewater lagoons

The Administrator shall, within thirty-six months after November 8, 1984, submit a report to Congress concerning wastewater lagoons at publicly owned treatment works and their effect on groundwater quality. Such report shall include—

- (1) the number and size of such lagoons;
- (2) the types and quantities of waste contained in such lagoons;
- (3) the extent to which such waste has been or may be released from such lagoons and contaminate ground water; and
- (4) available alternatives for preventing or controlling such releases.

The Administrator may utilize the authority of sections 6927 and 6934 of this title for the purpose of completing such report.

(d) Application of sections 6927 and 6930

The provisions of sections 6927 and 6930 of this title shall apply to solid or dissolved materials in domestic sewage to the same extent and in the same manner as such provisions apply to hazardous waste.

(Pub. L. 89-272, title II, §3018, as added Pub. L. 98-616, title II, §246(a), Nov. 8, 1984, 98 Stat. 3264.)

§ 6939a. Exposure information and health assessments**(a) Exposure information**

Beginning on the date nine months after November 8, 1984, each application for a final determination regarding a permit under section 6925(c) of this title for a landfill or surface impoundment shall be accompanied by information reasonably ascertainable by the owner or operator on the potential for the public to be exposed to hazardous wastes or hazardous constituents through releases related to the unit. At a minimum, such information must address:

- (1) reasonably foreseeable potential releases from both normal operations and accidents at the unit, including releases associated with transportation to or from the unit;
- (2) the potential pathways of human exposure to hazardous wastes or constituents resulting from the releases described under paragraph (1); and
- (3) the potential magnitude and nature of the human exposure resulting from such releases.

The owner or operator of a landfill or surface impoundment for which an application for such a final determination under section 6925(c) of this title has been submitted prior to November 8, 1984, shall submit the information required by this subsection to the Administrator (or the State, in the case of a State with an authorized program) no later than the date nine months after November 8, 1984.

(b) Health assessments

(1) The Administrator (or the State, in the case of a State with an authorized program) shall make the information required by subsection (a) of this section, together with other relevant information, available to the Agency for Toxic Substances and Disease Registry established by section 9604(i) of this title.

(2) Whenever in the judgment of the Administrator, or the State (in the case of a State with an authorized program), a landfill or a surface impoundment poses a substantial potential risk to human health, due to the existence of releases of hazardous constituents, the magnitude of contamination with hazardous constituents which may be the result of a release, or the magnitude of the population exposed to such release or contamination, the Administrator or the State (with the concurrence of the Administrator) may request the Administrator of the Agency for Toxic Substances and Disease Registry to conduct a health assessment in connection with such facility and take other appropriate action with respect to such risks as authorized by section 9604(b) and (i) of this title. If funds are provided in connection with such request the Administrator of such Agency shall conduct such health assessment.

(c) Members of the public

Any member of the public may submit evidence of releases of or exposure to hazardous constituents from such a facility, or as to the risks or health effects associated with such releases or exposure, to the Administrator of the Agency for Toxic Substances and Disease Registry, the Administrator, or the State (in the case of a State with an authorized program).

(d) Priority

In determining the order in which to conduct health assessments under this subsection, the Administrator of the Agency for Toxic Substances and Disease Registry shall give priority to those facilities or sites at which there is documented evidence of release of hazardous constituents, at which the potential risk to human health appears highest, and for which in the judgment of the Administrator of such Agency existing health assessment data is inadequate to assess the potential risk to human health as provided in subsection (f) of this section.

(e) Periodic reports

The Administrator of such Agency shall issue periodic reports which include the results of all the assessments carried out under this section. Such assessments or other activities shall be reported after appropriate peer review.

(f) "Health assessments" defined

For the purposes of this section, the term "health assessments" shall include preliminary

assessments of the potential risk to human health posed by individual sites and facilities subject to this section, based on such factors as the nature and extent of contamination, the existence of potential for pathways of human exposure (including ground or surface water contamination, air emissions, and food chain contamination), the size and potential susceptibility of the community within the likely pathways of exposure, the comparison of expected human exposure levels to the short-term and long-term health effects associated with identified contaminants and any available recommended exposure or tolerance limits for such contaminants, and the comparison of existing morbidity and mortality data on diseases that may be associated with the observed levels of exposure. The assessment shall include an evaluation of the risks to the potentially affected population from all sources of such contaminants, including known point or nonpoint sources other than the site or facility in question. A purpose of such preliminary assessments shall be to help determine whether full-scale health or epidemiological studies and medical evaluations of exposed populations shall be undertaken.

(g) Cost recovery

In any case in which a health assessment performed under this section discloses the exposure of a population to the release of a hazardous substance, the costs of such health assessment may be recovered as a cost of response under section 9607 of this title from persons causing or contributing to such release of such hazardous substance or, in the case of multiple releases contributing to such exposure, to all such release.

(Pub. L. 89-272, title II, §3019, as added Pub. L. 98-616, title II, §247(a), Nov. 8, 1984, 98 Stat. 3265.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 9604 of this title.

§ 6939b. Interim control of hazardous waste injection

(a) Underground source of drinking water

No hazardous waste may be disposed of by underground injection—

- (1) into a formation which contains (within one-quarter mile of the well used for such underground injection) an underground source of drinking water; or
- (2) above such a formation.

The prohibitions established under this section shall take effect 6 months after November 8, 1984, except in the case of any State in which identical or more stringent prohibitions are in effect before such date under the Safe Drinking Water Act [42 U.S.C. 300f et seq.].

(b) Actions under Comprehensive Environmental Response, Compensation, and Liability Act

Subsection (a) of this section shall not apply to the injection of contaminated ground water into the aquifer from which it was withdrawn, if—

- (1) such injection is—
 - (A) a response action taken under section 9604 or 9606 of this title, or

(B) part of corrective action required under this chapter¹

intended to clean up such contamination;

(2) such contaminated ground water is treated to substantially reduce hazardous constituents prior to such injection; and

(3) such response action or corrective action will, upon completion, be sufficient to protect human health and the environment.

(c) Enforcement

In addition to enforcement under the provisions of this chapter, the prohibitions established under paragraphs (1) and (2) of subsection (a) of this section shall be enforceable under the Safe Drinking Water Act [42 U.S.C. 300f et seq.] in any State—

(1) which has adopted identical or more stringent prohibitions under part C of the Safe Drinking Water Act [42 U.S.C. 300h et seq.] and which has assumed primary enforcement responsibility under that Act for enforcement of such prohibitions; or

(2) in which the Administrator has adopted identical or more stringent prohibitions under the Safe Drinking Water Act [42 U.S.C. 300f et seq.] and is exercising primary enforcement responsibility under that Act for enforcement of such prohibitions.

(d) Definitions

The terms “primary enforcement responsibility”, “underground source of drinking water”, “formation” and “well” have the same meanings as provided in regulations of the Administrator under the Safe Drinking Water Act [42 U.S.C. 300f et seq.]. The term “Safe Drinking Water Act” means title XIV of the Public Health Service Act.

(Pub. L. 89-272, title II, §3020, formerly §7010, as added Pub. L. 98-616, title IV, §405(a), Nov. 8, 1984, 98 Stat. 3273; renumbered §3020, and amended Pub. L. 99-339, title II, §201(c), June 19, 1986, 100 Stat. 654.)

REFERENCES IN TEXT

The Safe Drinking Water Act, referred to in subsecs. (a), (c), and (d), is Pub. L. 93-523, Dec. 16, 1974, 88 Stat. 1660, as amended, which enacted title XIV of the Public Health Service Act and which is classified to subchapter XII (§300f et seq.) of chapter 6A of this title. Part C of the Safe Drinking Water Act is classified generally to part C (§300h et seq.) of subchapter XII of chapter 6A of this title. For complete classification of this Act to the Code, see Short Title of 1974 Amendments note set out under section 201 of this title and Tables.

CODIFICATION

Section was formerly classified to section 6979a of this title, prior to renumbering by Pub. L. 99-339.

AMENDMENTS

1986—Subsec. (c). Pub. L. 99-339, §201(c)(1), substituted “enforcement under the provisions of this chapter” for “enforcement under sections 6972 and 6973 of this title”.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6924 of this title.

¹ So in original. Probably should be followed by a comma.

§ 6939c. Mixed waste inventory reports and plan

(a) Mixed waste inventory reports

(1) Requirement

Not later than 180 days after October 6, 1992, the Secretary of Energy shall submit to the Administrator and to the Governor of each State in which the Department of Energy stores or generates mixed wastes the following reports:

(A) A report containing a national inventory of all such mixed wastes, regardless of the time they were generated, on a State-by-State basis.

(B) A report containing a national inventory of mixed waste treatment capacities and technologies.

(2) Inventory of wastes

The report required by paragraph (1)(A) shall include the following:

(A) A description of each type of mixed waste at each Department of Energy facility in each State, including, at a minimum, the name of the waste stream.

(B) The amount of each type of mixed waste currently stored at each Department of Energy facility in each State, set forth separately by mixed waste that is subject to the land disposal prohibition requirements of section 6924 of this title and mixed waste that is not subject to such prohibition requirements.

(C) An estimate of the amount of each type of mixed waste the Department expects to generate in the next 5 years at each Department of Energy facility in each State.

(D) A description of any waste minimization actions the Department has implemented at each Department of Energy facility in each State for each mixed waste stream.

(E) The EPA hazardous waste code for each type of mixed waste containing waste that has been characterized at each Department of Energy facility in each State.

(F) An inventory of each type of waste that has not been characterized by sampling and analysis at each Department of Energy facility in each State.

(G) The basis for the Department's determination of the applicable hazardous waste code for each type of mixed waste at each Department of Energy facility and a description of whether the determination is based on sampling and analysis conducted on the waste or on the basis of process knowledge.

(H) A description of the source of each type of mixed waste at each Department of Energy facility in each State.

(I) The land disposal prohibition treatment technology or technologies specified for the hazardous waste component of each type of mixed waste at each Department of Energy facility in each State.

(J) A statement of whether and how the radionuclide content of the waste alters or affects use of the technologies described in subparagraph (I).

(3) Inventory of treatment capacities and technologies

The report required by paragraph (1)(B) shall include the following:

(A) An estimate of the available treatment capacity for each waste described in the report required by paragraph (1)(A) for which treatment technologies exist.

(B) A description, including the capacity, number and location, of each treatment unit considered in calculating the estimate under subparagraph (A).

(C) A description, including the capacity, number and location, of any existing treatment unit that was not considered in calculating the estimate under subparagraph (A) but that could, alone or in conjunction with other treatment units, be used to treat any of the wastes described in the report required by paragraph (1)(A) to meet the requirements of regulations promulgated pursuant to section 6924(m) of this title.

(D) For each unit listed in subparagraph (C), a statement of the reasons why the unit was not included in calculating the estimate under subparagraph (A).

(E) A description, including the capacity, number, location, and estimated date of availability, of each treatment unit currently proposed to increase the treatment capacities estimated under subparagraph (A).

(F) For each waste described in the report required by paragraph (1)(A) for which the Department has determined no treatment technology exists, information sufficient to support such determination and a description of the technological approaches the Department anticipates will need to be developed to treat the waste.

(4) Comments and revisions

Not later than 90 days after the date of the submission of the reports by the Secretary of Energy under paragraph (1), the Administrator and each State which received the reports shall submit any comments they may have concerning the reports to the Department of Energy. The Secretary of Energy shall consider and publish the comments prior to publication of the final report.

(5) Requests for additional information

Nothing in this subsection limits or restricts the authority of States or the Administrator to request additional information from the Secretary of Energy.

(b) Plan for development of treatment capacities and technologies

(1) Plan requirement

(A)(i) For each facility at which the Department of Energy generates or stores mixed wastes, except any facility subject to a permit, agreement, or order described in clause (ii), the Secretary of Energy shall develop and submit, as provided in paragraph (2), a plan for developing treatment capacities and technologies to treat all of the facility's mixed wastes, regardless of the time they were generated, to the standards promulgated pursuant to section 6924(m) of this title.

(ii) Clause (i) shall not apply with respect to any facility subject to any permit establishing a schedule for treatment of such wastes, or any existing agreement or administrative or

judicial order governing the treatment of such wastes, to which the State is a party.

(B) Each plan shall contain the following:

(i) For mixed wastes for which treatment technologies exist, a schedule for submitting all applicable permit applications, entering into contracts, initiating construction, conducting systems testing, commencing operations, and processing backlogged and currently generated mixed wastes.

(ii) For mixed wastes for which no treatment technologies exist, a schedule for identifying and developing such technologies, identifying the funding requirements for the identification and development of such technologies, submitting treatability study exemptions, and submitting research and development permit applications.

(iii) For all cases where the Department proposes radionuclide separation of mixed wastes, or materials derived from mixed wastes, it shall provide an estimate of the volume of waste generated by each case of radionuclide separation, the volume of waste that would exist or be generated without radionuclide separation, the estimated costs of waste treatment and disposal if radionuclide separation is used compared to the estimated costs if it is not used, and the assumptions underlying such waste volume and cost estimates.

(C) A plan required under this subsection may provide for centralized, regional, or on-site treatment of mixed wastes, or any combination thereof.

(2) Review and approval of plan

(A) For each facility that is located in a State (i) with authority under State law to prohibit land disposal of mixed waste until the waste has been treated and (ii) with both authority under State law to regulate the hazardous components of mixed waste and authorization from the Environmental Protection Agency under section 6926 of this title to regulate the hazardous components of mixed waste, the Secretary of Energy shall submit the plan required under paragraph (1) to the appropriate State regulatory officials for their review and approval, modification, or disapproval. In reviewing the plan, the State shall consider the need for regional treatment facilities. The State shall consult with the Administrator and any other State in which a facility affected by the plan is located and consider public comments in making its determination on the plan. The State shall approve, approve with modifications, or disapprove the plan within 6 months after receipt of the plan.

(B) For each facility located in a State that does not have the authority described in subparagraph (A), the Secretary shall submit the plan required under paragraph (1) to the Administrator of the Environmental Protection Agency for review and approval, modification, or disapproval. A copy of the plan also shall be provided by the Secretary to the State in which such facility is located. In reviewing the plan, the Administrator shall consider the need for regional treatment facilities. The Administrator shall consult with the State or

States in which any facility affected by the plan is located and consider public comments in making a determination on the plan. The Administrator shall approve, approve with modifications, or disapprove the plan within 6 months after receipt of the plan.

(C) Upon the approval of a plan under this paragraph by the Administrator or a State, the Administrator shall issue an order under section 6928(a) of this title, or the State shall issue an order under appropriate State authority, requiring compliance with the approved plan.

(3) Public participation

Upon submission of a plan by the Secretary of Energy to the Administrator or a State, and before approval of the plan by the Administrator or a State, the Administrator or State shall publish a notice of the availability of the submitted plan and make such submitted plan available to the public on request.

(4) Revisions of plan

If any revisions of an approved plan are proposed by the Secretary of Energy or required by the Administrator or a State, the provisions of paragraphs (2) and (3) shall apply to the revisions in the same manner as they apply to the original plan.

(5) Waiver of plan requirement

(A) A State may waive the requirement for the Secretary of Energy to develop and submit a plan under this subsection for a facility located in the State if the State (i) enters into an agreement with the Secretary of Energy that addresses compliance at that facility with section 6924(j) of this title with respect to mixed waste, and (ii) issues an order requiring compliance with such agreement and which is in effect.

(B) Any violation of an agreement or order referred to in subparagraph (A) is subject to the waiver of sovereign immunity contained in section 6961(a) of this title.

(c) Schedule and progress reports

(1) Schedule

Not later than 6 months after October 6, 1992, the Secretary of Energy shall publish in the Federal Register a schedule for submitting the plans required under subsection (b) of this section.

(2) Progress reports

(A) Not later than the deadlines specified in subparagraph (B), the Secretary of Energy shall submit to the Committee on Environment and Public Works of the Senate and the Committee on Energy and Commerce of the House of Representatives a progress report containing the following:

(i) An identification, by facility, of the plans that have been submitted to States or the Administrator of the Environmental Protection Agency pursuant to subsection (b) of this section.

(ii) The status of State and Environmental Protection Agency review and approval of each such plan.

(iii) The number of orders requiring compliance with such plans that are in effect.

(iv) For the first 2 reports required under this paragraph, an identification of the plans required under such subsection (b) of this section that the Secretary expects to submit in the 12-month period following submission of the report.

(B) The Secretary of Energy shall submit a report under subparagraph (A) not later than 12 months after October 6, 1992, 24 months after October 6, 1992, and 36 months after October 6, 1992.

(Pub. L. 89-272, title II, § 3021, as added Pub. L. 102-386, title I, § 105(a)(1), Oct. 6, 1992, 106 Stat. 1508.)

CHANGE OF NAME

Committee on Energy and Commerce of House of Representatives treated as referring to Committee on Commerce of House of Representatives by section 1(a) of Pub. L. 104-14, set out as a note preceding section 21 of Title 2, The Congress.

GAO REPORT

Section 105(c) of Pub. L. 102-386 provided that:

“(1) REQUIREMENT.—Not later than 18 months after the date of the enactment of this Act [Oct. 6, 1992], the Comptroller General shall submit to Congress a report on the Department of Energy’s progress in complying with section 3021(b) of the Solid Waste Disposal Act [42 U.S.C. 6939c(b)].

“(2) MATTERS TO BE INCLUDED.—The report required under paragraph (1) shall contain, at a minimum, the following:

“(A) The Department of Energy’s progress in submitting to the States or the Administrator of the Environmental Protection Agency a plan for each facility for which a plan is required under section 3021(b) of the Solid Waste Disposal Act and the status of State or Environmental Protection Agency review and approval of each such plan.

“(B) The Department of Energy’s progress in entering into orders requiring compliance with any such plans that have been approved.

“(C) An evaluation of the completeness and adequacy of each such plan as of the date of submission of the report required under paragraph (1).

“(D) An identification of any recurring problems among the Department of Energy’s submitted plans.

“(E) A description of treatment technologies and capacity that have been developed by the Department of Energy since the date of the enactment of this Act and a list of the wastes that are expected to be treated by such technologies and the facilities at which the wastes are generated or stored.

“(F) The progress made by the Department of Energy in characterizing its mixed waste streams at each such facility by sampling and analysis.

“(G) An identification and analysis of additional actions that the Department of Energy must take to—

“(i) complete submission of all plans required under such section 3021(b) for all such facilities;

“(ii) obtain the adoption of orders requiring compliance with all such plans; and

“(iii) develop mixed waste treatment capacity and technologies.”

§ 6939d. Public vessels

(a) Waste generated on public vessels

Any hazardous waste generated on a public vessel shall not be subject to the storage, manifest, inspection, or recordkeeping requirements of this chapter until such waste is transferred to a shore facility, unless—

(1) the waste is stored on the public vessel for more than 90 days after the public vessel is

placed in reserve or is otherwise no longer in service; or

(2) the waste is transferred to another public vessel within the territorial waters of the United States and is stored on such vessel or another public vessel for more than 90 days after the date of transfer.

(b) Computation of storage period

For purposes of subsection (a) of this section, the 90-day period begins on the earlier of—

(1) the date on which the public vessel on which the waste was generated is placed in reserve or is otherwise no longer in service; or

(2) the date on which the waste is transferred from the public vessel on which the waste was generated to another public vessel within the territorial waters of the United States;

and continues, without interruption, as long as the waste is stored on the original public vessel (if in reserve or not in service) or another public vessel.

(c) Definitions

For purposes of this section:

(1) The term “public vessel” means a vessel owned or bareboat chartered and operated by the United States, or by a foreign nation, except when the vessel is engaged in commerce.

(2) The terms “in reserve” and “in service” have the meanings applicable to those terms under section 7293 and sections 7304 through 7308 of title 10 and regulations prescribed under those sections.

(d) Relationship to other law

Nothing in this section shall be construed as altering or otherwise affecting the provisions of section 7311 of title 10.

(Pub. L. 89-272, title II, §3022, as added Pub. L. 102-386, title I, §106(a), Oct. 6, 1992, 106 Stat. 1513.)

§ 6939e. Federally owned treatment works

(a) In general

For purposes of section 6903(27) of this title, the phrase “but does not include solid or dissolved material in domestic sewage” shall apply to any solid or dissolved material introduced by a source into a federally owned treatment works if—

(1) such solid or dissolved material is subject to a pretreatment standard under section 1317 of title 33, and the source is in compliance with such standard;

(2) for a solid or dissolved material for which a pretreatment standard has not been promulgated pursuant to section 1317 of title 33, the Administrator has promulgated a schedule for establishing such a pretreatment standard which would be applicable to such solid or dissolved material not later than 7 years after October 6, 1992, such standard is promulgated on or before the date established in the schedule, and after the effective date of such standard the source is in compliance with such standard;

(3) such solid or dissolved material is not covered by paragraph (1) or (2) and is not pro-

hibited from land disposal under subsections¹ (d), (e), (f), or (g) of section 6924 of this title because such material has been treated in accordance with section 6924(m) of this title; or

(4) notwithstanding paragraphs¹ (1), (2), or (3), such solid or dissolved material is generated by a household or person which generates less than 100 kilograms of hazardous waste per month unless such solid or dissolved material would otherwise be an acutely hazardous waste and subject to standards, regulations, or other requirements under this chapter notwithstanding the quantity generated.

(b) Prohibition

It is unlawful to introduce into a federally owned treatment works any pollutant that is a hazardous waste.

(c) Enforcement

(1) Actions taken to enforce this section shall not require closure of a treatment works if the hazardous waste is removed or decontaminated and such removal or decontamination is adequate, in the discretion of the Administrator or, in the case of an authorized State, of the State, to protect human health and the environment.

(2) Nothing in this subsection shall be construed to prevent the Administrator or an authorized State from ordering the closure of a treatment works if the Administrator or State determines such closure is necessary for protection of human health and the environment.

(3) Nothing in this subsection shall be construed to affect any other enforcement authorities available to the Administrator or a State under this subchapter.

(d) “Federally owned treatment works” defined

For purposes of this section, the term “federally owned treatment works” means a facility that is owned and operated by a department, agency, or instrumentality of the Federal Government treating wastewater, a majority of which is domestic sewage, prior to discharge in accordance with a permit issued under section 1342 of title 33.

(e) Savings clause

Nothing in this section shall be construed as affecting any agreement, permit, or administrative or judicial order, or any condition or requirement contained in such an agreement, permit, or order, that is in existence on October 6, 1992, and that requires corrective action or closure at a federally owned treatment works or solid waste management unit or facility related to such a treatment works.

(Pub. L. 89-272, title II, §3023, as added Pub. L. 102-386, title I, §108(a), Oct. 6, 1992, 106 Stat. 1514.)

**SUBCHAPTER IV—STATE OR REGIONAL
SOLID WASTE PLANS**

SUBCHAPTER REFERRED TO IN OTHER SECTIONS

This subchapter is referred to in sections 6903, 6907, 6916, 6986 of this title; title 25 section 3902.

§ 6941. Objectives of subchapter

The objectives of this subchapter are to assist in developing and encouraging methods for the

¹ So in original. Probably should be singular.

disposal of solid waste which are environmentally sound and which maximize the utilization of valuable resources including energy and materials which are recoverable from solid waste and to encourage resource conservation. Such objectives are to be accomplished through Federal technical and financial assistance to States or regional authorities for comprehensive planning pursuant to Federal guidelines designed to foster cooperation among Federal, State, and local governments and private industry. In developing such comprehensive plans, it is the intention of this chapter that in determining the size of the waste-to-energy facility, adequate provision shall be given to the present and reasonably anticipated future needs, including those needs created by thorough implementation of section 6962(h) of this title, of the recycling and resource recovery interest within the area encompassed by the planning process.

(Pub. L. 89-272, title II, § 4001, as added Pub. L. 94-580, § 2, Oct. 21, 1976, 90 Stat. 2813; amended Pub. L. 96-482, § 32(b), Oct. 21, 1980, 94 Stat. 2353; Pub. L. 98-616, title III, § 301(a), title V, § 501(f)(1), Nov. 8, 1984, 98 Stat. 3267, 3276.)

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3254 of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

AMENDMENTS

1984—Pub. L. 98-616, § 501(f)(1), inserted “, including those needs created by thorough implementation of section 6962(h) of this title.”

Pub. L. 98-616, § 301(a), inserted at end “In developing such comprehensive plans, it is the intention of this chapter that in determining the size of the waste-to-energy facility, adequate provision shall be given to the present and reasonably anticipated future needs of the recycling and resource recovery interest within the area encompassed by the planning process.”

1980—Pub. L. 96-482 included as an objective in the disposal of solid waste the utilization of energy and materials recoverable from solid waste.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6942 of this title.

§ 6941a. Energy and materials conservation and recovery; Congressional findings

The Congress finds that—

(1) significant savings could be realized by conserving materials in order to reduce the volume or quantity of material which ultimately becomes waste;

(2) solid waste contains valuable energy and material resources which can be recovered and used thereby conserving increasingly scarce and expensive fossil fuels and virgin materials;

(3) the recovery of energy and materials from municipal waste, and the conservation of energy and materials contributing to such waste streams, can have the effect of reducing the volume of the municipal waste stream and the burden of disposing of increasing volumes of solid waste;

(4) the technology to conserve resources exists and is commercially feasible to apply;

(5) the technology to recover energy and materials from solid waste is of demonstrated commercial feasibility; and

(6) various communities throughout the nation have different needs and different potentials for conserving resources and for utilizing techniques for the recovery of energy and materials from waste, and Federal assistance in planning and implementing such energy and materials conservation and recovery programs should be available to all such communities on an equitable basis in relation to their needs and potential.

(Pub. L. 96-482, § 32(a), Oct. 21, 1980, 94 Stat. 2353.)

CODIFICATION

Section was enacted as part of the Solid Waste Disposal Act Amendments of 1980, and not as part of the Solid Waste Disposal Act which comprises this chapter.

§ 6942. Federal guidelines for plans

(a) Guidelines for identification of regions

For purposes of encouraging and facilitating the development of regional planning for solid waste management, the Administrator, within one hundred and eighty days after October 21, 1976, and after consultation with appropriate Federal, State, and local authorities, shall by regulation publish guidelines for the identification of those areas which have common solid waste management problems and are appropriate units for planning regional solid waste management services. Such guidelines shall consider—

(1) the size and location of areas which should be included,

(2) the volume of solid waste which should be included, and

(3) the available means of coordinating regional planning with other related regional planning and for coordination of such regional planning into the State plan.

(b) Guidelines for State plans

Not later than eighteen months after October 21, 1976, and after notice and hearing, the Administrator shall, after consultation with appropriate Federal, State, and local authorities, promulgate regulations containing guidelines to assist in the development and implementation of State solid waste management plans (hereinafter in this chapter referred to as “State plans”). The guidelines shall contain methods for achieving the objectives specified in section 6941 of this title. Such guidelines shall be reviewed from time to time, but not less frequently than every three years, and revised as may be appropriate.

(c) Considerations for State plan guidelines

The guidelines promulgated under subsection (b) of this section shall consider—

(1) the varying regional, geologic, hydrologic, climatic, and other circumstances under which different solid waste practices are required in order to insure the reasonable protection of the quality of the ground and surface waters from leachate contamination, the reasonable protection of the quality of the surface waters from surface runoff contamination, and the reasonable protection of ambient air quality;

(2) characteristics and conditions of collection, storage, processing, and disposal operat-

ing methods, techniques and practices, and location of facilities where such operating methods, techniques, and practices are conducted, taking into account the nature of the material to be disposed;

(3) methods for closing or upgrading open dumps for purposes of eliminating potential health hazards;

(4) population density, distribution, and projected growth;

(5) geographic, geologic, climatic, and hydrologic characteristics;

(6) the type and location of transportation;

(7) the profile of industries;

(8) the constituents and generation rates of waste;

(9) the political, economic, organizational, financial, and management problems affecting comprehensive solid waste management;

(10) types of resource recovery facilities and resource conservation systems which are appropriate; and

(11) available new and additional markets for recovered material and energy and energy resources recovered from solid waste as well as methods for conserving such materials and energy.

(Pub. L. 89-272, title II, §4002, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2813; amended Pub. L. 96-482, §32(c), Oct. 21, 1980, 94 Stat. 2353.)

AMENDMENTS

1980—Subsec. (c)(11). Pub. L. 96-482 required State plan guidelines to consider energy and energy resources recovered from solid waste as well as methods for conserving such materials and energy.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6946 of this title.

§ 6943. Requirements for approval of plans

(a) Minimum requirements

In order to be approved under section 6947 of this title, each State plan must comply with the following minimum requirements—

(1) The plan shall identify (in accordance with section 6946(b) of this title) (A) the responsibilities of State, local, and regional authorities in the implementation of the State plan, (B) the distribution of Federal funds to the authorities responsible for development and implementation of the State plan, and (C) the means for coordinating regional planning and implementation under the State plan.

(2) The plan shall, in accordance with sections 6944(b) and 6945(a) of this title, prohibit the establishment of new open dumps within the State, and contain requirements that all solid waste (including solid waste originating in other States, but not including hazardous waste) shall be (A) utilized for resource recovery or (B) disposed of in sanitary landfills

(within the meaning of section 6944(a) of this title) or otherwise disposed of in an environmentally sound manner.

(3) The plan shall provide for the closing or upgrading of all existing open dumps within the State pursuant to the requirements of section 6945 of this title.

(4) The plan shall provide for the establishment of such State regulatory powers as may be necessary to implement the plan.

(5) The plan shall provide that no State or local government within the State shall be prohibited under State or local law from negotiating and entering into long-term contracts for the supply of solid waste to resource recovery facilities, from entering into long-term contracts for the operation of such facilities, or from securing long-term markets for material and energy recovered from such facilities or for conserving materials or energy by reducing the volume of waste.

(6) The plan shall provide for such resource conservation or recovery and for the disposal of solid waste in sanitary landfills or any combination of practices so as may be necessary to use or dispose of such waste in a manner that is environmentally sound.

(b) Discretionary plan provisions relating to recycled oil

Any State plan submitted under this subchapter may include, at the option of the State, provisions to carry out each of the following:

(1) Encouragement, to the maximum extent feasible and consistent with the protection of the public health and the environment, of the use of recycled oil in all appropriate areas of State and local government.

(2) Encouragement of persons contracting with the State to use recycled oil to the maximum extent feasible, consistent with protection of the public health and the environment.

(3) Informing the public of the uses of recycled oil.

(4) Establishment and implementation of a program (including any necessary licensing of persons and including the use, where appropriate, of manifests) to assure that used oil is collected, transported, treated, stored, reused, and disposed of, in a manner which does not present a hazard to the public health or the environment.

Any plan submitted under this chapter before October 15, 1980, may be amended, at the option of the State, at any time after such date to include any provision referred to in this subsection.

(c) Energy and materials conservation and recovery feasibility planning and assistance

(1) A State which has a plan approved under this subchapter or which has submitted a plan for such approval shall be eligible for assistance under section 6948(a)(3) of this title if the Administrator determines that under such plan the State will—

(A) analyze and determine the economic and technical feasibility of facilities and programs to conserve resources which contribute to the waste stream or to recover energy and materials from municipal waste;

(B) analyze the legal, institutional, and economic impediments to the development of systems and facilities for conservation of energy or materials which contribute to the waste stream or for the recovery of energy and materials from municipal waste and make recommendations to appropriate governmental authorities for overcoming such impediments;

(C) assist municipalities within the State in developing plans, programs, and projects to conserve resources or recover energy and materials from municipal waste; and

(D) coordinate the resource conservation and recovery planning under subparagraph (C).

(2) The analysis referred to in paragraph (1)(A) shall include—

(A) the evaluation of, and establishment of priorities among, market opportunities for industrial and commercial users of all types (including public utilities and industrial parks) to utilize energy and materials recovered from municipal waste;

(B) comparisons of the relative costs of energy recovered from municipal waste in relation to the costs of energy derived from fossil fuels and other sources;

(C) studies of the transportation and storage problems and other problems associated with the development of energy and materials recovery technology, including curbside source separation;

(D) the evaluation and establishment of priorities among ways of conserving energy or materials which contribute to the waste stream;

(E) comparison of the relative total costs between conserving resources and disposing of or recovering such waste; and

(F) studies of impediments to resource conservation or recovery, including business practices, transportation requirements, or storage difficulties.

Such studies and analyses shall also include studies of other sources of solid waste from which energy and materials may be recovered or minimized.

(d) Size of waste-to-energy facilities

Notwithstanding any of the above requirements, it is the intention of this chapter and the planning process developed pursuant to this chapter that in determining the size of the waste-to-energy facility, adequate provision shall be given to the present and reasonably anticipated future needs of the recycling and resource recovery interest within the area encompassed by the planning process.

(Pub. L. 89-272, title II, §4003, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2814; amended Pub. L. 96-463, §5(b), Oct. 15, 1980, 94 Stat. 2056; Pub. L. 96-482, §§18, 32(d), Oct. 21, 1980, 94 Stat. 2345, 2353; Pub. L. 98-616, title III, §301(b), title V, §502(h), Nov. 8, 1984, 98 Stat. 3267, 3277.)

CODIFICATION

Another section 5(b) of Pub. L. 96-463 amended section 6948 of this title.

AMENDMENTS

1984—Subsecs. (b), (c). Pub. L. 98-616, §502(h), redesignated the subsec. (b) entitled energy and materials con-

servation and recovery feasibility planning and assistance, as subsec. (c).

Subsec. (d). Pub. L. 98-616, §301(b), added subsec. (d). 1980—Subsec. (a). Pub. L. 96-463, §5(b), and Pub. L. 96-482, §32(d)(2), designated existing provisions as subsec. (a).

Subsec. (a)(2). Pub. L. 96-482, §18(a), substituted reference to sections 6944(b) and 6945(a) of this title for reference to section 6945(c) of this title.

Subsec. (a)(5). Pub. L. 96-482, §§18(b), 32(d)(1), substituted “State or local government” for “local government” and required State plan recognition of right to enter into long-term contracts for operation of resource recovery facilities and to secure long-term markets for material and energy recovered from such facilities, and required State plan recognition of right to negotiate long-term contracts and to negotiate and enter into such contracts for conserving materials or energy by reducing the volume of waste.

Subsec. (b). Pub. L. 96-463, §5(b), added subsec. (b) relating to discretionary plan provisions for recycled oil.

Pub. L. 96-482, §32(d)(2), added subsec. (b) relating to energy and materials conservation and recovery feasibility planning and assistance.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6944, 6945, 6946, 6947, 6948 of this title.

§ 6944. Criteria for sanitary landfills; sanitary landfills required for all disposal

(a) Criteria for sanitary landfills

Not later than one year after October 21, 1976, after consultation with the States, and after notice and public hearings, the Administrator shall promulgate regulations containing criteria for determining which facilities shall be classified as sanitary landfills and which shall be classified as open dumps within the meaning of this chapter. At a minimum, such criteria shall provide that a facility may be classified as a sanitary landfill and not an open dump only if there is no reasonable probability of adverse effects on health or the environment from disposal of solid waste at such facility. Such regulations may provide for the classification of the types of sanitary landfills.

(b) Disposal required to be in sanitary landfills, etc.

For purposes of complying with section 6943(2)¹ of this title each State plan shall prohibit the establishment of open dumps and contain a requirement that disposal of all solid waste within the State shall be in compliance with such section 6943(2)¹ of this title.

(c) Effective date

The prohibition contained in subsection (b) of this section shall take effect on the date six months after the date of promulgation of regulations under subsection (a) of this section.

(Pub. L. 89-272, title II, §4004, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2815; amended Pub. L. 98-616, title III, §302(b), Nov. 8, 1984, 98 Stat. 3268.)

REFERENCES IN TEXT

Section 6943(2) of this title, referred to in subsec. (b), was redesignated section 6943(a)(2) of this title by Pub. L. 96-463, §5(b), Oct. 15, 1980, 94 Stat. 2056, and Pub. L. 96-482, §32(d)(2), Oct. 21, 1980, 94 Stat. 2353.

¹ See References in Text note below.

AMENDMENTS

1984—Subsec. (c). Pub. L. 98-616 struck out “or on the date of approval of the State plan, whichever is later” at end.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6903, 6943, 6945, 6948, 6949a of this title; title 25 section 3902.

§ 6945. Upgrading of open dumps**(a) Closing or upgrading of existing open dumps**

Upon promulgation of criteria under section 6907(a)(3) of this title, any solid waste management practice or disposal of solid waste or hazardous waste which constitutes the open dumping of solid waste or hazardous waste is prohibited, except in the case of any practice or disposal of solid waste under a timetable or schedule for compliance established under this section. The prohibition contained in the preceding sentence shall be enforceable under section 6972 of this title against persons engaged in the act of open dumping. For purposes of complying with section 6943(a)(2) and 6943(a)(3) of this title, each State plan shall contain a requirement that all existing disposal facilities or sites for solid waste in such State which are open dumps listed in the inventory under subsection (b) of this section shall comply with such measures as may be promulgated by the Administrator to eliminate health hazards and minimize potential health hazards. Each such plan shall establish, for any entity which demonstrates that it has considered other public or private alternatives for solid waste management to comply with the prohibition on open dumping and is unable to utilize such alternatives to so comply, a timetable or schedule for compliance for such practice or disposal of solid waste which specifies a schedule of remedial measures, including an enforceable sequence of actions or operations, leading to compliance with the prohibition on open dumping of solid waste within a reasonable time (not to exceed 5 years from the date of publication of criteria under section 6907(a)(3) of this title).

(b) Inventory

To assist the States in complying with section 6943(a)(3) of this title, not later than one year after promulgation of regulations under section 6944 of this title, the Administrator, with the cooperation of the Bureau of the Census shall publish an inventory of all disposal facilities or sites in the United States which are open dumps within the meaning of this chapter.

(c) Control of hazardous disposal

(1)(A) Not later than 36 months after November 8, 1984, each State shall adopt and implement a permit program or other system of prior approval and conditions to assure that each solid waste management facility within such

State which may receive hazardous household waste or hazardous waste due to the provision of section 6921(d) of this title for small quantity generators (otherwise not subject to the requirement for a permit under section 6925 of this title) will comply with the applicable criteria promulgated under section 6944(a) and 6907(a)(3) of this title.

(B) Not later than eighteen months after the promulgation of revised criteria under subsection¹ 6944(a) of this title (as required by section 6949a(c) of this title), each State shall adopt and implement a permit program or other system or² prior approval and conditions, to assure that each solid waste management facility within such State which may receive hazardous household waste or hazardous waste due to the provision of section 6921(d) of this title for small quantity generators (otherwise not subject to the requirement for a permit under section 6925 of this title) will comply with the criteria revised under section 6944(a) of this title.

(C) The Administrator shall determine whether each State has developed an adequate program under this paragraph. The Administrator may make such a determination in conjunction with approval, disapproval or partial approval of a State plan under section 6947 of this title.

(2)(A) In any State that the Administrator determines has not adopted an adequate program for such facilities under paragraph (1)(B) by the date provided in such paragraph, the Administrator may use the authorities available under sections 6927 and 6928 of this title to enforce the prohibition contained in subsection (a) of this section with respect to such facilities.

(B) For purposes of this paragraph, the term “requirement of this subchapter” in section 6928 of this title shall be deemed to include criteria promulgated by the Administrator under sections 6907(a)(3) and 6944(a) of this title, and the term “hazardous wastes” in section 6927 of this title shall be deemed to include solid waste at facilities that may handle hazardous household wastes or hazardous wastes from small quantity generators.

(Pub. L. 89-272, title II, §4005, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2815; amended Pub. L. 96-482, §19(a), (b), Oct. 21, 1980, 94 Stat. 2345; Pub. L. 98-616, title III, §302(c), title IV, §403(c), title V, §502(c), Nov. 8, 1984, 98 Stat. 3268, 3272, 3276.)

CODIFICATION

Another section 19(b) of Pub. L. 96-482 amended section 6946 of this title.

AMENDMENTS

1984—Subsec. (a). Pub. L. 98-616, §403(c), inserted after first sentence “The prohibition contained in the preceding sentence shall be enforceable under section 6972 of this title against persons engaged in the act of open dumping.”

Pub. L. 98-616, §502(c), inserted a closing parenthesis before the period at end.

Subsec. (c). Pub. L. 98-616, §302(c), added subsec. (c). 1980—Subsec. (a). Pub. L. 96-482, §19(a), (b)(1), struck out subsec. (a) which defined “open dump”, which is covered in section 6903(14) of this title, redesignated

¹ So in original. Probably should be “section”.

² So in original. Probably should be “of”.

subsec. (c) as (a) and substituted “Upon promulgation of criteria under section 6907(a)(3) of this title, any” for “Any”, “section 6943(a)(2) and 6943(a)(3) of this title” for “section 6943(2) of this title”, and “criteria under section 6907(a)(3) of this title” for “the inventory under subsection (b) of this section”.

Amendment by section 19(b)(1) of Pub. L. 96-482, directing that following reference to “4003(2)”, which had been editorially translated as section 6943(2) of this title, the phrase “and 4003(3)” be inserted, was executed by translating “4003(2) and 4003(3)” as section 6943(a)(2) and 6943(a)(3) of this title, in view of the designation of the existing provisions of section 6943 of this title as subsec. (a) of section 6943 of this title by section 5(b) of Pub. L. 96-463 and also by section 32(d)(2) of Pub. L. 96-482.

Subsec. (b). Pub. L. 96-482, §19(b)(2), inserted introductory phrase “To assist the States in complying with section 6943(a)(3) of this title”. Amendment referring to section “4003(3)” was executed by translating “4003(3)” as section 6943(a)(3) of this title, in view of the designation of the existing provisions of section 6943 of this title as subsec. (a) of section 6943 of this title by section 5(b) of Pub. L. 96-463 and also by section 32(d)(2) of Pub. L. 96-482.

Subsec. (c). Pub. L. 96-482, §19(a), redesignated subsec. (c) as (a).

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6943, 6946, 6948, 6949 of this title.

§ 6946. Procedure for development and implementation of State plan

(a) Identification of regions

Within one hundred and eighty days after publication of guidelines under section 6942(a) of this title (relating to identification of regions), the Governor of each State, after consultation with local elected officials, shall promulgate regulations based on such guidelines identifying the boundaries of each area within the State which, as a result of urban concentrations, geographic conditions, markets, and other factors, is appropriate for carrying out regional solid waste management. Such regulations may be modified from time to time (identifying additional or different regions) pursuant to such guidelines.

(b) Identification of State and local agencies and responsibilities

(1) Within one hundred and eighty days after the Governor promulgates regulations under subsection (a) of this section, for purposes of facilitating the development and implementation of a State plan which will meet the minimum requirements of section 6943 of this title, the State, together with appropriate elected officials of general purpose units of local government, shall jointly (A) identify an agency to develop the State plan and identify one or more agencies to implement such plan, and (B) identify which solid waste management activities will, under such State plan, be planned for and carried out by the State and which such man-

agement activities will, under such State plan, be planned for and carried out by a regional or local authority or a combination of regional or local and State authorities. If a multi-functional regional agency authorized by State law to conduct solid waste planning and management (the members of which are appointed by the Governor) is in existence on October 21, 1976, the Governor shall identify such authority for purposes of carrying out within such region clause (A) of this paragraph. Where feasible, designation of the agency for the affected area designated under section 1288 of title 33 shall be considered. A State agency identified under this paragraph shall be established or designated by the Governor of such State. Local or regional agencies identified under this paragraph shall be composed of individuals at least a majority of whom are elected local officials.

(2) If planning and implementation agencies are not identified and designated or established as required under paragraph (1) for any affected area, the governor shall, before the date two hundred and seventy days after promulgation of regulations under subsection (a) of this section, establish or designate a State agency to develop and implement the State plan for such area.

(c) Interstate regions

(1) In the case of any region which, pursuant to the guidelines published by the Administrator under section 6942(a) of this title (relating to identification of regions), would be located in two or more States, the Governors of the respective States, after consultation with local elected officials, shall consult, cooperate, and enter into agreements identifying the boundaries of such region pursuant to subsection (a) of this section.

(2) Within one hundred and eighty days after an interstate region is identified by agreement under paragraph (1), appropriate elected officials of general purpose units of local government within such region shall jointly establish or designate an agency to develop a plan for such region. If no such agency is established or designated within such period by such officials, the Governors of the respective States may, by agreement, establish or designate for such purpose a single representative organization including elected officials of general purpose units of local government within such region.

(3) Implementation of interstate regional solid waste management plans shall be conducted by units of local government for any portion of a region within their jurisdiction, or by multi-jurisdictional agencies or authorities designated in accordance with State law, including those designated by agreement by such units of local government for such purpose. If no such unit, agency, or authority is so designated, the respective Governors shall designate or establish a single interstate agency to implement such plan.

(4) For purposes of this subchapter, so much of an interstate regional plan as is carried out within a particular State shall be deemed part of the State plan for such State.

(Pub. L. 89-272, title II, §4006, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2816; amended Pub. L. 96-482, §19(b), Oct. 21, 1980, 94 Stat. 2345.)

CODIFICATION

Another section 19(b) of Pub. L. 96-482 amended section 6945 of this title.

AMENDMENTS

1980—Subsec. (b)(1)(B). Pub. L. 96-482 substituted “management activities” for “functions” in two places.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6903, 6943, 6944, 6947, 6948 of this title.

§ 6947. Approval of State plan; Federal assistance**(a) Plan approval**

The Administrator shall, within six months after a State plan has been submitted for approval, approve or disapprove the plan. The Administrator shall approve a plan if he determines that—

(1) it meets the requirements of paragraphs (1), (2), (3), and (5) of section 6943¹ of this title; and

(2) it contains provision for revision of such plan, after notice and public hearing, whenever the Administrator, by regulation, determines—

(A) that revised regulations respecting minimum requirements have been promulgated under paragraphs (1), (2), (3), and (5) of section 6943¹ of this title with which the State plan is not in compliance;

(B) that information has become available which demonstrates the inadequacy of the plan to effectuate the purposes of this subchapter; or

(C) that such revision is otherwise necessary.

The Administrator shall review approved plans from time to time and if he determines that revision or corrections are necessary to bring such plan into compliance with the minimum requirements promulgated under section 6943 of this title (including new or revised requirements), he shall, after notice and opportunity for public hearing, withdraw his approval of such plan. Such withdrawal of approval shall cease to be effective upon the Administrator's determination that such complies with such minimum requirements.

(b) Eligibility of States for Federal financial assistance

(1) The Administrator shall approve a State application for financial assistance under this subchapter, and make grants to such State, if such State and local and regional authorities within such State have complied with the requirements of section 6946 of this title within the period required under such section and if such State has a State plan which has been ap-

proved by the Administrator under this subchapter.

(2) The Administrator shall approve a State application for financial assistance under this subchapter, and make grants to such State, for fiscal years 1978 and 1979 if the Administrator determines that the State plan continues to be eligible for approval under subsection (a) of this section and is being implemented by the State.

(3) Upon withdrawal of approval of a State plan under subsection (a) of this section, the Administrator shall withhold Federal financial and technical assistance under this subchapter (other than such technical assistance as may be necessary to assist in obtaining the reinstatement of approval) until such time as such approval is reinstated.

(c) Existing activities

Nothing in this subchapter shall be construed to prevent or affect any activities respecting solid waste planning or management which are carried out by State, regional, or local authorities unless such activities are inconsistent with a State plan approved by the Administrator under this subchapter.

(Pub. L. 89-272, title II, §4007, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2817; amended Pub. L. 95-609, §7(l), Nov. 8, 1978, 92 Stat. 3082.)

REFERENCES IN TEXT

Paragraphs (1), (2), (3), and (5) of section 6943 of this title, referred to in subsec. (a)(1), (2)(A), were redesignated as the same paragraphs of section 6943(a) of this title by Pub. L. 96-463, §5(b), Oct. 15, 1980, 94 Stat. 2056, and Pub. L. 96-482, §32(d)(2), Oct. 21, 1980, 94 Stat. 2353.

AMENDMENTS

1978—Subsec. (c). Pub. L. 95-609 substituted “(c)” for “(C)” in subsection designation.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6903, 6943, 6945, 6948 of this title.

§ 6948. Federal assistance**(a) Authorization of Federal financial assistance**

(1) There are authorized to be appropriated \$30,000,000 for fiscal year 1978, \$40,000,000 for fiscal year 1979, \$20,000,000 for fiscal year 1980, \$15,000,000 for fiscal year 1981, \$20,000,000 for the fiscal year 1982, and \$10,000,000 for each of the fiscal years 1985 through 1988 for purposes of financial assistance to States and local, regional, and interstate authorities for the development and implementation of plans approved by the Administrator under this subchapter (other than the provisions of such plans referred to in section 6943(b)¹ of this title, relating to feasibility planning for municipal waste energy and materials conservation and recovery).

(2)(A) The Administrator is authorized to provide financial assistance to States, counties,

¹ See References in Text note below.

¹ See References in Text note below.

municipalities, and intermunicipal agencies and State and local public solid waste management authorities for implementation of programs to provide solid waste management, resource recovery, and resource conservation services and hazardous waste management. Such assistance shall include assistance for facility planning and feasibility studies; expert consultation; surveys and analyses of market needs; marketing of recovered resources; technology assessments; legal expenses; construction feasibility studies; source separation projects; and fiscal or economic investigations or studies; but such assistance shall not include any other element of construction, or any acquisition of land or interest in land, or any subsidy for the price of recovered resources. Agencies assisted under this subsection shall consider existing solid waste management and hazardous waste management services and facilities as well as facilities proposed for construction.

(B) An applicant for financial assistance under this paragraph must agree to comply with respect to the project or program assisted with the applicable requirements of section 6945 of this title and subchapter III of this chapter and apply applicable solid waste management practices, methods, and levels of control consistent with any guidelines published pursuant to section 6907 of this title. Assistance under this paragraph shall be available only for programs certified by the State to be consistent with any applicable State or areawide solid waste management plan or program. Applicants for technical and financial assistance under this section shall not preclude or foreclose consideration of programs for the recovery of recyclable materials through source separation or other resource recovery techniques.

(C) There are authorized to be appropriated \$15,000,000 for each of the fiscal years 1978 and 1979 for purposes of this section. There are authorized to be appropriated \$10,000,000 for fiscal year 1980, \$10,000,000 for fiscal year 1981, \$10,000,000 for fiscal year 1982, and \$10,000,000 for each of the fiscal years 1985 through 1988 for purposes of this paragraph.

(D) There are authorized—

- (i) to be made available \$15,000,000 out of funds appropriated for fiscal year 1985, and
- (ii) to be appropriated for each of the fiscal years 1986 through² 1988, \$20,000,000³

for grants to States (and where appropriate to regional, local, and interstate agencies) to implement programs requiring compliance by solid waste management facilities with the criteria promulgated under section 6944(a) of this title and section 6907(a)(3) of this title and with the provisions of section 6945 of this title. To the extent practicable, such programs shall require such compliance not later than thirty-six months after November 8, 1984.

(3)(A) There is authorized to be appropriated for the fiscal year beginning October 1, 1981, and for each fiscal year thereafter before October 1, 1986, \$4,000,000 for purposes of making grants to States to carry out section 6943(b)⁴ of this title.

No amount may be appropriated for such purposes for the fiscal year beginning on October 1, 1986, or for any fiscal year thereafter.

(B) Assistance provided by the Administrator under this paragraph shall be used only for the purposes specified in section 6943(b)⁴ of this title. Such assistance may not be used for purposes of land acquisition, final facility design, equipment purchase, construction, startup or operation activities.

(C) Where appropriate, any State receiving assistance under this paragraph may make all or any part of such assistance available to municipalities within the State to carry out the activities specified in section 6943(b)(1)(A) and (B)⁴ of this title.

(b) State allotment

The sums appropriated in any fiscal year under subsection (a)(1) of this section shall be allotted by the Administrator among all States, in the ratio that the population in each State bears to the population in all of the States, except that no State shall receive less than one-half of 1 per centum of the sums so allotted in any fiscal year. No State shall receive any grant under this section during any fiscal year when its expenditures of non-Federal funds for other than non-recurrent expenditures for solid waste management control programs will be less than its expenditures were for such programs during fiscal year 1975, except that such funds may be reduced by an amount equal to their proportionate share of any general reduction of State spending ordered by the Governor or legislature of such State. No State shall receive any grant for solid waste management programs unless the Administrator is satisfied that such grant will be so used as to supplement and, to the extent practicable, increase the level of State, local, regional, or other non-Federal funds that would in the absence of such grant be made available for the maintenance of such programs.

(c) Distribution of Federal financial assistance within the State

The Federal assistance allotted to the States under subsection (b) of this section shall be allocated by the State receiving such funds to State, local, regional, and interstate authorities carrying out planning and implementation of the State plan. Such allocation shall be based upon the responsibilities of the respective parties as determined pursuant to section 6946(b) of this title.

(d) Technical assistance

(1) The Administrator may provide technical assistance to State and local governments for purposes of developing and implementing State plans. Technical assistance respecting resource recovery and conservation may be provided through resource recovery and conservation panels, established in the Environmental Protection Agency under subchapter II of this chapter, to assist the State and local governments with respect to particular resource recovery and conservation projects under consideration and to evaluate their effect on the State plan.

(2) In carrying out this subsection, the Administrator may, upon request, provide technical assistance to States to assist in the removal or

² So in original. Probably should be "through".

³ So in original. Probably should be followed by a comma.

⁴ See References in Text note below.

modification of legal, institutional, economic, and other impediments to the recycling of used oil. Such impediments may include laws, regulations, and policies, including State procurement policies, which are not favorable to the recycling of used oil.

(3) In carrying out this subsection, the Administrator is authorized to provide technical assistance to States, municipalities, regional authorities, and intermunicipal agencies upon request, to assist in the removal or modification of legal, institutional, and economic impediments which have the effect of impeding the development of systems and facilities to recovery energy and materials from municipal waste or to conserve energy or materials which contribute to the waste stream. Such impediments may include—

(A) laws, regulations, and policies, including State and local procurement policies, which are not favorable to resource conservation and recovery policies, systems, and facilities;

(B) impediments to the financing of facilities to conserve or recover energy and materials from municipal waste through the exercise of State and local authority to issue revenue bonds and the use of State and local credit assistance; and

(C) impediments to institutional arrangements necessary to undertake projects for the conservation or recovery of energy and materials from municipal waste, including the creation of special districts, authorities, or corporations where necessary having the power to secure the supply of waste of a project, to conserve resources, to implement the project, and to undertake related activities.

(e) Special communities

(1) The Administrator, in cooperation with State and local officials, shall identify local governments within the United States (A) having a solid waste disposal facility (i) which is owned by the unit of local government, (ii) for which an order has been issued by the State to cease receiving solid waste for treatment, storage, or disposal, and (iii) which is subject to a State-approved end-use recreation plan, and (B) which are located over an aquifer which is the source of drinking water for any person or public water system and which has serious environmental problems resulting from the disposal of such solid waste, including possible methane migration.

(2) There is authorized to be appropriated to the Administrator \$2,500,000 for the fiscal year 1980 and \$1,500,000 for each of the fiscal years 1981 and 1982 to make grants to be used for containment and stabilization of solid waste located at the disposal sites referred to in paragraph (1). Not more than one community in any State shall be eligible for grants under this paragraph and not more than one project in any State shall be eligible for such grants. No unit of local government shall be eligible for grants under this paragraph with respect to any site which exceeds 65 acres in size.

(f) Assistance to States for discretionary program for recycled oil

(1) The Administrator may make grants to States, which have a State plan approved under

section 6947 of this title, or which have submitted a State plan for approval under such section, if such plan includes the discretionary provisions described in section 6943(b) of this title. Grants under this subsection shall be for purposes of assisting the State in carrying out such discretionary provisions. No grant under this subsection may be used for construction or for the acquisition of land or equipment.

(2) Grants under this subsection shall be allotted among the States in the same manner as provided in the first sentence of subsection (b) of this section.

(3) No grant may be made under this subsection unless an application therefor is submitted to, and approved by, the Administrator. The application shall be in such form, be submitted in such manner, and contain such information as the Administrator may require.

(4) For purposes of making grants under this subsection, there are authorized to be appropriated \$5,000,000 for fiscal year 1982, \$5,000,000 for fiscal year 1983, and \$5,000,000 for each of the fiscal years 1985 through 1988.

(g) Assistance to municipalities for energy and materials conservation and recovery planning activities

(1) The Administrator is authorized to make grants to municipalities, regional authorities, and intermunicipal agencies to carry out activities described in subparagraphs (A) and (B) of section 6943(b)(1)⁵ of this title. Such grants may be made only pursuant to an application submitted to the Administrator by the municipality which application has been approved by the State and determined by the State to be consistent with any State plan approved or submitted under this subchapter or any other appropriate planning carried out by the State.

(2) There is authorized to be appropriated for the fiscal year beginning October 1, 1981, and for each fiscal year thereafter before October 1, 1986, \$8,000,000 for purposes of making grants to municipalities under this subsection. No amount may be appropriated for such purposes for the fiscal year beginning on October 1, 1986, or for any fiscal year thereafter.

(3) Assistance provided by the Administrator under this subsection shall be used only for the purposes specified in paragraph (1). Such assistance may not be used for purposes of land acquisition, final facility design, equipment purchase, construction, startup or operation activities.

(Pub. L. 89-272, title II, §4008, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2818; amended Pub. L. 96-463, §§5(b), 6, Oct. 15, 1980, 94 Stat. 2057; Pub. L. 96-482, §§20, 31(c), (d), 32(e), (f), Oct. 21, 1980, 94 Stat. 2345, 2352, 2354, 2355; Pub. L. 98-616, §2(d)-(g), (k), title V, §502(d), (e), Nov. 8, 1984, 98 Stat. 3222, 3223, 3276.)

REFERENCES IN TEXT

Section 6943(b) of this title, referred to in subsecs. (a)(1), (3) and (g)(1), was redesignated section 6943(c) of this title by Pub. L. 98-616, title V, §502(h), Nov. 8, 1984, 98 Stat. 3277.

CODIFICATION

Section 2(d)-(g) of Pub. L. 98-616, cited as a credit to this section, appears to contain typographical error in

⁵ See References in Text note below.

that the text of subsec. (f)(1) of section 2007 of the Solid Waste Disposal Act (as added by section 2(i) of Pub. L. 98-616) is also shown as the text of subsec. “(f)(1)” of such section 2. Subsec. (f) of section 2, as set out in the Conference Report (H. Rept. 98-1133) to accompany H.R. 2867 (which became Pub. L. 98-616) read:

“(f) Section 4008(e)(2) of the Solid Waste Disposal Act (relating to special communities) is amended by striking out ‘and \$1,500,000 for each of the fiscal years 1981 and 1982’ and substituting ‘, \$1,500,000 for each of the fiscal years 1981 and 1982, and \$500,000 for each of the fiscal years 1985 through 1988.’”

Another section 5(b) of Pub. L. 96-463 amended section 6943 of this title.

AMENDMENTS

1984—Subsec. (a)(1). Pub. L. 98-616, §2(d), authorized appropriation of \$10,000,000 for each of fiscal years 1985 through 1988.

Subsec. (a)(2)(C). Pub. L. 98-616, §2(e), authorized appropriation of \$10,000,000 for each of fiscal years 1985 through 1988.

Subsec. (a)(2)(D). Pub. L. 98-616, §2(k), added subpar. (D).

Subsec. (d)(2), (3). Pub. L. 98-616, §502(d), redesignated second par. (2), relating to recovery of energy and materials from municipal waste, as par. (3).

Subsec. (f). Pub. L. 98-616, §502(e), redesignated second subsec. (f), relating to assistance to municipalities for energy and materials conservation and recovery planning activities, as subsec. (g).

Subsec. (f)(4). Pub. L. 98-616, §2(g), authorized appropriation of \$5,000,000 for each of fiscal years 1985 through 1988.

Subsec. (g). Pub. L. 98-616, §502(e), redesignated second subsec. (f), relating to assistance to municipalities for energy and materials conservation and recovery planning activities, as subsec. (g).

1980—Subsec. (a)(1). Pub. L. 96-482, §31(c), authorized appropriations of \$20,000,000, \$15,000,000, and \$20,000,000 for fiscal years, 1980, 1981, and 1982, respectively, and substituted provision making appropriation available for financial assistance to States, and local, regional, and interstate authorities for development and implementation of plans approved by the Administrator, except plans referred to in section 6943(b) of this title, relating to feasibility planning for municipal waste energy and materials conservation and recovery for provision making appropriations available to State for development and implementation of State plans.

Subsec. (a)(2)(B). Pub. L. 96-482, §32(e)(1), provided that applicants for technical and financial assistance shall not preclude or foreclose consideration of programs for recovery of recyclable materials through source separation or other resource recovery techniques.

Subsec. (a)(2)(C). Pub. L. 96-482, §31(d), authorized appropriation of \$10,000,000 for each fiscal year 1980, 1981, and 1982.

Subsec. (a)(3). Pub. L. 96-482, §32(e)(2), added par. (3). Subsec. (d). Pub. L. 96-463, §6, and Pub. L. 96-482, §32(f), designated existing provisions as par. (1).

Subsec. (d)(2). Pub. L. 96-463, §6, added par. (2) authorizing the Administrator to provide technical assistance to States to assist in the removal or modification of legal, institutional, economic, and other impediments to the recycling of used oil.

Pub. L. 96-482, §32(f), added par. (2) authorizing the Administrator to provide technical assistance to States, municipalities, regional authorities, and intermunicipal agencies to assist in the removal or modification of legal, institutional, and economic impediments which have the effect of impeding the development of systems and facilities to recover energy and materials from municipal waste.

Subsec. (e)(1). Pub. L. 96-482, §20(1)–(5), substituted in provision preceding cl. (A) “identify local governments” for “identify communities”, struck out cl. (A), which required the Administrator to identify populations of less than twenty-five thousand persons, re-

designated cls. (B) and (C) as (A) and (B), respectively, in cl. (A) as so redesignated, substituted “a solid waste disposal facility (i) which is owned by the unit of local government, (ii) for which an order has been issued by the State to cease receiving solid waste for treatment, storage, or disposal, and (iii) which is subject to a State-approved end-use recreation plan” for “solid waste disposal facilities in which more than 75 per centum of the solid waste of is from areas outside the jurisdiction of the communities” in cl. (B) as so redesignated, substituted “which are located over an aquifer which is the source of drinking water for any person or public water system and which has” for “which have” and inserted “, including possible methane migration” after “such solid waste”.

Subsec. (e)(2). Pub. L. 96-482, §20(6)–(8), substituted appropriations authorization of \$2,500,000; \$1,500,000; and \$1,500,000 for fiscal years 1980, 1981, and 1982, for prior authorization of \$2,500,000 for fiscal years 1978 and 1979, substituted provision for grants for “containment and stabilization of solid waste located at the disposal sites referred to in paragraph (1)” for such grants for “the conversion, improvement, or consolidation of existing solid waste disposal facilities, or for the construction of new solid waste disposal facilities, or for both, within communities identified under paragraph (1)”, and prohibited grants to units of local government when site exceeds 65 acres in size.

Subsec. (e)(3). Pub. L. 96-482, §20(9), struck out par. (3) which required that grants to States be made only when the projects are consistent with applicable and approved State plan and will assist in carrying out such plan.

Subsec. (f). Pub. L. 96-463, §5(b), added subsec. (f) relating to assistance to States for discretionary program for recycled oil.

Pub. L. 96-482, §32(e)(3), added subsec. (f) relating to assistance to municipalities for energy and materials conservation and recovery planning activities.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6916, 6943 of this title.

§ 6949. Rural communities assistance

(a) In general

The Administrator shall make grants to States to provide assistance to municipalities with a population of five thousand or less, or counties with a population of ten thousand or less or less than twenty persons per square mile and not within a metropolitan area, for solid waste management facilities (including equipment) necessary to meet the requirements of section 6945 of this title or restrictions on open burning or other requirements arising under the Clean Air Act [42 U.S.C. 7401 et seq.] or the Federal Water Pollution Control Act [33 U.S.C. 1251 et seq.]. Such assistance shall only be available—

(1) to any municipality or county which could not feasibly be included in a solid waste management system or facility serving an urbanized, multijurisdictional area because of its distance from such systems;

(2) where existing or planned solid waste management services or facilities are unavail-

able or insufficient to comply with the requirements of section 6945 of this title; and

(3) for systems which are certified by the State to be consistent with any plans or programs established under any State or areawide planning process.

(b) Allotment

The Administrator shall allot the sums appropriated to carry out this section in any fiscal year among the States in accordance with regulations promulgated by him on the basis of the average of the ratio which the population of rural areas of each State bears to the total population of rural areas of all the States, the ratio which the population of counties in each State having less than twenty persons per square mile bears to the total population of such counties in all the States, and the ratio which the population of such low-density counties in each State having 33 per centum or more of all families with incomes not in excess of 125 per centum of the poverty level bears to the total population of such counties in all the States.

(c) Limit

The amount of any grant under this section shall not exceed 75 per centum of the costs of the project. No assistance under this section shall be available for the acquisition of land or interests in land.

(d) Authorization of appropriations

There are authorized to be appropriated \$25,000,000 for each of the fiscal years 1978 and 1979 to carry out this section. There are authorized to be appropriated \$10,000,000 for the fiscal year 1980 and \$15,000,000 for each of the fiscal years 1981 and 1982 to carry out this section.

(Pub. L. 89-272, title II, §4009, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2819; amended Pub. L. 96-482, §31(e), Oct. 21, 1980, 94 Stat. 2353.)

REFERENCES IN TEXT

The Clean Air Act, referred to in subsec. (a), is act July 14, 1955, ch. 360, 69 Stat. 322, as amended, which is classified generally to chapter 85 (§7401 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 7401 of this title and Tables.

The Federal Water Pollution Control Act, referred to in subsec. (a), is act June 30, 1948, ch. 758, as amended generally by Pub. L. 92-500, §2, Oct. 18, 1972, 86 Stat. 816, which is classified generally to chapter 26 (§1251 et seq.) of title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short title note set out under section 1251 of title 33 and Tables.

AMENDMENTS

1980—Subsec. (d). Pub. L. 96-482 authorized appropriation of \$10,000,000, \$15,000,000, and \$15,000,000 for fiscal years 1980, 1981, 1982, respectively.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6916 of this title.

§ 6949a. Adequacy of certain guidelines and criteria

(a) Study

The Administrator shall conduct a study of the extent to which the guidelines and criteria under this chapter (other than guidelines and criteria for facilities to which subchapter III of this chapter applies) which are applicable to solid waste management and disposal facilities, including, but not limited to landfills and surface impoundments, are adequate to protect human health and the environment from ground water contamination. Such study shall include a detailed assessment of the degree to which the criteria under section 6907(a) of this title and the criteria under section 6944 of this title regarding monitoring, prevention of contamination, and remedial action are adequate to protect ground water and shall also include recommendation with respect to any additional enforcement authorities which the Administrator, in consultation with the Attorney General, deems necessary for such purposes.

(b) Report

Not later than thirty-six months after November 8, 1984, the Administrator shall submit a report to the Congress setting forth the results of the study required under this section, together with any recommendations made by the Administrator on the basis of such study.

(c) Revisions of guidelines and criteria

Not later than March 31, 1988, the Administrator shall promulgate revisions of the criteria promulgated under paragraph (1) of section 6944(a) of this title and under section 6907(a)(3) of this title for facilities that may receive hazardous household wastes or hazardous wastes from small quantity generators under section 6921(d) of this title. The criteria shall be those necessary to protect human health and the environment and may take into account the practicable capability of such facilities. At a minimum such revisions for facilities potentially receiving such wastes should require ground water monitoring as necessary to detect contamination, establish criteria for the acceptable location of new or existing facilities, and provide for corrective action as appropriate.

(Pub. L. 89-272, title II, §4010, as added Pub. L. 98-616, title III, §302(a)(1), Nov. 8, 1984, 98 Stat. 3267.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6945 of this title.

SUBCHAPTER V—DUTIES OF SECRETARY OF COMMERCE IN RESOURCE AND RECOVERY

§ 6951. Functions

The Secretary of Commerce shall encourage greater commercialization of proven resource recovery technology by providing—

- (1) accurate specifications for recovered materials;
- (2) stimulation of development of markets for recovered materials;
- (3) promotion of proven technology; and

(4) a forum for the exchange of technical and economic data relating to resource recovery facilities.

(Pub. L. 89-272, title II, §5001, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2820.)

§ 6952. Development of specifications for secondary materials

The Secretary of Commerce, acting through the National Institute of Standards and Technology, and in conjunction with national standards-setting organizations in resource recovery, shall, after public hearings, and not later than two years after September 1, 1979, publish guidelines for the development of specifications for the classification of materials recovered from waste which were destined for disposal. The specifications shall pertain to the physical and chemical properties and characteristics of such materials with regard to their use in replacing virgin materials in various industrial, commercial, and governmental uses. In establishing such guidelines the Secretary shall also, to the extent feasible, provide such information as may be necessary to assist Federal agencies with procurement of items containing recovered materials. The Secretary shall continue to cooperate with national standards-setting organizations, as may be necessary, to encourage the publication, promulgation and updating of standards for recovered materials and for the use of recovered materials in various industrial, commercial, and governmental uses.

(Pub. L. 89-272, title II, §5002, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2820; amended Pub. L. 96-482, §21(a), Oct. 21, 1980, 94 Stat. 2346; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433.)

AMENDMENTS

1988—Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “National Bureau of Standards”.

1980—Pub. L. 96-482 substituted “September 1, 1979” for “October 21, 1976”.

§ 6953. Development of markets for recovered materials

The Secretary of Commerce shall within two years after September 1, 1979, take such actions as may be necessary to—

- (1) identify the geographical location of existing or potential markets for recovered materials;
- (2) identify the economic and technical barriers to the use of recovered materials; and
- (3) encourage the development of new uses for recovered materials.

(Pub. L. 89-272, title II, §5003, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2821; amended Pub. L. 96-482, §21(b), Oct. 21, 1980, 94 Stat. 2346.)

AMENDMENTS

1980—Pub. L. 96-482 substituted “September 1, 1979” for “October 21, 1976”.

§ 6954. Technology promotion

The Secretary of Commerce is authorized to evaluate the commercial feasibility of resource

recovery facilities and to publish the results of such evaluation, and to develop a data base for purposes of assisting persons in choosing such a system.

(Pub. L. 89-272, title II, §5004, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2821.)

§ 6955. Marketing policies, establishment; non-discrimination requirement

In establishing any policies which may affect the development of new markets for recovered materials and in making any determination concerning whether or not to impose monitoring or other controls on any marketing or transfer of recovered materials, the Secretary of Commerce may consider whether to establish the same or similar policies or impose the same or similar monitoring or other controls on virgin materials.

(Pub. L. 89-272, title II, §5005, as added Pub. L. 96-482, §21(c)(1), Oct. 21, 1980, 94 Stat. 2346.)

§ 6956. Authorization of appropriations

There are authorized to be appropriated to the Secretary of Commerce \$5,000,000 for each of fiscal years 1980, 1981, and 1982 and \$1,500,000 for each of the fiscal years 1985 through 1988 to carry out the purposes of this subchapter.

(Pub. L. 89-272, title II, §5006, as added Pub. L. 96-482, §31(f)(1), Oct. 21, 1980, 94 Stat. 2353; amended Pub. L. 98-616, §2(h), Nov. 8, 1984, 98 Stat. 3223.)

AMENDMENTS

1984—Pub. L. 98-616 authorized appropriation of \$1,500,000 for each of fiscal years 1985 through 1988.

SUBCHAPTER VI—FEDERAL RESPONSIBILITIES

§ 6961. Application of Federal, State, and local law to Federal facilities

(a) In general

Each department, agency, and instrumental-ity of the executive, legislative, and judicial branches of the Federal Government (1) having jurisdiction over any solid waste management facility or disposal site, or (2) engaged in any activity resulting, or which may result, in the disposal or management of solid waste or hazardous waste shall be subject to, and comply with, all Federal, State, interstate, and local requirements, both substantive and procedural (including any requirement for permits or reporting or any provisions for injunctive relief and such sanctions as may be imposed by a court to enforce such relief), respecting control and abatement of solid waste or hazardous waste disposal and management in the same manner, and to the same extent, as any person is subject to such requirements, including the payment of reasonable service charges. The Federal, State, interstate, and local substantive and procedural requirements referred to in this subsection include, but are not limited to, all administrative orders and all civil and administrative penalties and fines, regardless of whether such penalties or fines are punitive or coercive in nature or are imposed for isolated, intermittent, or continu-

ing violations. The United States hereby expressly waives any immunity otherwise applicable to the United States with respect to any such substantive or procedural requirement (including, but not limited to, any injunctive relief, administrative order or civil or administrative penalty or fine referred to in the preceding sentence, or reasonable service charge). The reasonable service charges referred to in this subsection include, but are not limited to, fees or charges assessed in connection with the processing and issuance of permits, renewal of permits, amendments to permits, review of plans, studies, and other documents, and inspection and monitoring of facilities, as well as any other nondiscriminatory charges that are assessed in connection with a Federal, State, interstate, or local solid waste or hazardous waste regulatory program. Neither the United States, nor any agent, employee, or officer thereof, shall be immune or exempt from any process or sanction of any State or Federal Court with respect to the enforcement of any such injunctive relief. No agent, employee, or officer of the United States shall be personally liable for any civil penalty under any Federal, State, interstate, or local solid or hazardous waste law with respect to any act or omission within the scope of the official duties of the agent, employee, or officer. An agent, employee, or officer of the United States shall be subject to any criminal sanction (including, but not limited to, any fine or imprisonment) under any Federal or State solid or hazardous waste law, but no department, agency, or instrumentality of the executive, legislative, or judicial branch of the Federal Government shall be subject to any such sanction. The President may exempt any solid waste management facility of any department, agency, or instrumentality in the executive branch from compliance with such a requirement if he determines it to be in the paramount interest of the United States to do so. No such exemption shall be granted due to lack of appropriation unless the President shall have specifically requested such appropriation as a part of the budgetary process and the Congress shall have failed to make available such requested appropriation. Any exemption shall be for a period not in excess of one year, but additional exemptions may be granted for periods not to exceed one year upon the President's making a new determination. The President shall report each January to the Congress all exemptions from the requirements of this section granted during the preceding calendar year, together with his reason for granting each such exemption.

(b) Administrative enforcement actions

(1) The Administrator may commence an administrative enforcement action against any department, agency, or instrumentality of the executive, legislative, or judicial branch of the Federal Government pursuant to the enforcement authorities contained in this chapter. The Administrator shall initiate an administrative enforcement action against such a department, agency, or instrumentality in the same manner and under the same circumstances as an action would be initiated against another person. Any voluntary resolution or settlement of such an action shall be set forth in a consent order.

(2) No administrative order issued to such a department, agency, or instrumentality shall become final until such department, agency, or instrumentality has had the opportunity to confer with the Administrator.

(c) Limitation on State use of funds collected from Federal Government

Unless a State law in effect on October 6, 1992, or a State constitution requires the funds to be used in a different manner, all funds collected by a State from the Federal Government from penalties and fines imposed for violation of any substantive or procedural requirement referred to in subsection (a) of this section shall be used by the State only for projects designed to improve or protect the environment or to defray the costs of environmental protection or enforcement.

(Pub. L. 89-272, title II, §6001, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2821; amended Pub. L. 95-609, §7(m), Nov. 8, 1978, 92 Stat. 3082; Pub. L. 102-386, title I, §102(a), (b), Oct. 6, 1992, 106 Stat. 1505, 1506.)

AMENDMENTS

1992—Pub. L. 102-386 designated existing provisions as subsec. (a), inserted heading, inserted in first sentence “and management” before “in the same manner”, inserted second to fourth, sixth, and seventh sentences specifying Federal, State, interstate, and local substantive and procedural requirements, waiving sovereign immunity, determining reasonable service charges, and providing no agent, employee, or officer of the United States be personally liable for a civil penalty for an act or omission within the scope of official duties but be subject to criminal sanction, with no department, agency, or instrumentality of the executive, legislative, or judicial branch subject to such sanction, and added subsecs. (b) and (c).

1978—Pub. L. 95-609 inserted “or management” after “disposal” in cl. (2).

EFFECTIVE DATE OF 1992 AMENDMENT

Section 102(c) of Pub. L. 102-386 provided that:

“(1) IN GENERAL.—Except as otherwise provided in paragraphs (2) and (3), the amendments made by subsection (a) [amending this section] shall take effect upon the date of the enactment of this Act [Oct. 6, 1992].

“(2) DELAYED EFFECTIVE DATE FOR CERTAIN MIXED WASTE.—Until the date that is 3 years after the date of the enactment of this Act, the waiver of sovereign immunity contained in section 6001(a) of the Solid Waste Disposal Act [subsec. (a) of this section] with respect to civil, criminal, and administrative penalties and fines (as added by the amendments made by subsection (a)) shall not apply to departments, agencies, and instrumentalities of the executive branch of the Federal Government for violations of section 3004(j) of the Solid Waste Disposal Act [42 U.S.C. 6924(j)] involving storage of mixed waste that is not subject to an existing agreement, permit, or administrative or judicial order, so long as such waste is managed in compliance with all other applicable requirements.

“(3) EFFECTIVE DATE FOR CERTAIN MIXED WASTE.—(A) Except as provided in subparagraph (B), after the date that is 3 years after the date of the enactment of this Act, the waiver of sovereign immunity contained in section 6001(a) of the Solid Waste Disposal Act with respect to civil, criminal, and administrative penalties and fines (as added by the amendments made by subsection (a)) shall apply to departments, agencies, and instrumentalities of the executive branch of the Federal Government for violations of section 3004(j) of the Solid Waste Disposal Act involving storage of mixed waste.

“(B) With respect to the Department of Energy, the waiver of sovereign immunity referred to in subparagraph (A) shall not apply after the date that is 3 years after the date of the enactment of this Act for violations of section 3004(j) of such Act involving storage of mixed waste, so long as the Department of Energy is in compliance with both—

“(i) a plan that has been submitted and approved pursuant to section 3021(b) of the Solid Waste Disposal Act [42 U.S.C. 6939c(b)] and which is in effect; and

“(ii) an order requiring compliance with such plan which has been issued pursuant to such section 3021(b) and which is in effect.

“(4) APPLICATION OF WAIVER TO AGREEMENTS AND ORDERS.—The waiver of sovereign immunity contained in section 6001(a) of the Solid Waste Disposal Act (as added by the amendments made by subsection (a)) shall take effect on the date of the enactment of this Act with respect to any agreement, permit, or administrative or judicial order existing on such date of enactment (and any subsequent modifications to such an agreement, permit, or order), including, without limitation, any provision of an agreement, permit, or order that addresses compliance with section 3004(j) of such Act with respect to mixed waste.

“(5) AGREEMENT OR ORDER.—Except as provided in paragraph (4), nothing in this Act [see Short Title of 1992 Amendment note set out under section 6901 of this title] shall be construed to alter, modify, or change in any manner any agreement, permit, or administrative or judicial order, including, without limitation, any provision of an agreement, permit, or order—

“(i) that addresses compliance with section 3004(j) of the Solid Waste Disposal Act with respect to mixed waste;

“(ii) that is in effect on the date of enactment of this Act; and

“(iii) to which a department, agency, or instrumentality of the executive branch of the Federal Government is a party.”

EXECUTIVE ORDER NO. 12780

Ex. Ord. No. 12780, Oct. 31, 1991, 56 F.R. 56289, which required Federal agencies to promote cost-effective waste reduction and recycling of reusable materials and established a Council on Federal Recycling and Procurement Policy, was revoked by Ex. Ord. No. 12873, § 901, Oct. 20, 1993, 58 F.R. 54911, set out below.

EX. ORD. NO. 12873. FEDERAL ACQUISITION, RECYCLING, AND WASTE PREVENTION

Ex. Ord. No. 12873, Oct. 20, 1993, 58 F.R. 54911, provided:

WHEREAS, the Nation's interest is served when the Federal Government can make more efficient use of natural resources by maximizing recycling and preventing waste wherever possible;

WHEREAS, this Administration is determined to strengthen the role of the Federal Government as an enlightened, environmentally conscious and concerned consumer;

WHEREAS, the Federal Government should—through cost-effective waste prevention and recycling activities—work to conserve disposal capacity, and serve as a model in this regard for private and other public institutions; and

WHEREAS, the use of recycled and environmentally preferable products and services by the Federal Government can spur private sector development of new technologies and use of such products, thereby creating business and employment opportunities and enhancing regional and local economies and the national economy;

NOW, THEREFORE, I, WILLIAM J. CLINTON, by the authority vested in me as President by the Constitution and the laws of the United States of America, including the Solid Waste Disposal Act, Public Law 89-272, 79 Stat. 997, as amended by the Resource Con-

servation and Recovery Act (“RCRA”), Public Law 94-580, 90 Stat. 2795 as amended (42 U.S.C. 6901-6907), and section 301 of title 3, United States Code, hereby order as follows:

PART 1—PREAMBLE

SECTION 101. Consistent with the demands of efficiency and cost effectiveness, the head of each Executive agency shall incorporate waste prevention and recycling in the agency's daily operations and work to increase and expand markets for recovered materials through greater Federal Government preference and demand for such products.

SEC. 102. Consistent with policies established by Office of Federal Procurement Policy (“OFPP”) Policy Letter 92-4, agencies shall comply with executive branch policies for the acquisition and use of environmentally preferable products and services and implement cost-effective procurement preference programs favoring the purchase of these products and services.

SEC. 103. This order creates a Federal Environmental Executive and establishes high-level Environmental Executive positions within each agency to be responsible for expediting the implementation of this order and statutes that pertain to this order.

PART 2—DEFINITIONS

For purposes of this order:

SEC. 201. “Environmentally preferable” means products or services that have a lesser or reduced effect on human health and the environment when compared with competing products or services that serve the same purpose. This comparison may consider raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, or disposal of the product or service.

SEC. 202. “Executive agency” or “agency” means an Executive agency as defined in 5 U.S.C. 105. For the purpose of this order, military departments, as defined in 5 U.S.C. 102, are covered under the auspices of the Department of Defense.

SEC. 203. “Postconsumer material” means a material or finished product that has served its intended use and has been discarded for disposal or recovery, having completed its life as a consumer item. “Postconsumer material” is a part of the broader category of “recovered material”.

SEC. 204. “Acquisition” means the acquiring by contract with appropriated funds for supplies or services (including construction) by and for the use of the Federal Government through purchase or lease, whether the supplies or services are already in existence or must be created, developed, demonstrated and evaluated. Acquisition begins at the point when agency needs are established and includes the description of requirements to satisfy agency needs, solicitation and selection of sources, award of contracts, contract financing, contract performance, contract administration and those technical and management functions directly related to the process of fulfilling agency needs by contract.

SEC. 205. “Recovered materials” means waste materials and by-products which have been recovered or diverted from solid waste, but such term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process (42 U.S.C. 6903(19)).

SEC. 206. “Recyclability” means the ability of a product or material to be recovered from, or otherwise diverted from, the solid waste stream for the purpose of recycling.

SEC. 207. “Recycling” means the series of activities, including collection, separation, and processing, by which products or other materials are recovered from the solid waste stream for use in the form of raw materials in the manufacture of new products other than fuel for producing heat or power by combustion.

SEC. 208. “Waste prevention,” also known as “source reduction,” means any change in the design, manufac-

turing, purchase or use of materials or products (including packaging) to reduce their amount or toxicity before they become municipal solid waste. Waste prevention also refers to the reuse of products or materials.

SEC. 209. "Waste reduction" means preventing or decreasing the amount of waste being generated through waste prevention, recycling, or purchasing recycled and environmentally preferable products.

SEC. 210. "Life Cycle Cost" means the amortized annual cost of a product, including capital costs, installation costs, operating costs, maintenance costs and disposal costs discounted over the lifetime of the product.

SEC. 211. "Life Cycle Analysis" means the comprehensive examination of a product's environmental and economic effects throughout its lifetime including new material extraction, transportation, manufacturing, use, and disposal.

PART 3—THE ROLE OF THE FEDERAL ENVIRONMENTAL EXECUTIVE AND AGENCY ENVIRONMENTAL EXECUTIVES

SEC. 301. *Federal Environmental Executive.* (a) A Federal Environmental Executive shall be designated by the President and shall be located within the Environmental Protection Agency ("EPA"). The Federal Environmental Executive shall take all actions necessary to ensure that the agencies comply with the requirements of this order and shall generate an annual report to the Office of Management and Budget ("OMB"), at the time of agency budget submissions, on the actions taken by the agencies to comply with the requirements of this order. In carrying out his or her functions, the Federal Environmental Executive shall consult with the Director of the White House Office on Environmental Policy.

(b) *Staffing.* A minimum of four (4) full time staff persons are to be provided by the agencies listed below to assist the Federal Environmental Executive, one of whom shall have experience in specification review and program requirements, one of whom shall have experience in procurement practices, and one of whom shall have experience in solid waste prevention and recycling. These four staff persons shall be appointed and replaced as follows:

(1) a representative from the Department of Defense shall be detailed for not less than one year and no more than two years;

(2) a representative from the General Services Administration ("GSA") shall be detailed for not less than one year and no more than two years;

(3) a representative from EPA shall be detailed for not less than one year and no more than two years; and

(4) a representative from one other agency determined by the Federal Environmental Executive shall be detailed on a rotational basis for not more than one year.

(c) *Administration.* Agencies are requested to make their services, personnel and facilities available to the Federal Environmental Executive to the maximum extent practicable for the performance of functions under this order.

(d) *Committees and Work Groups.* The Federal Environmental Executive shall establish committees and work groups to identify, assess, and recommend actions to be taken to fulfill the goals, responsibilities, and initiatives of the Federal Environmental Executive. As these committees and work groups are created, agencies are requested to designate appropriate personnel in the areas of procurement and acquisition, standards and specifications, electronic commerce, facilities management, waste prevention, and recycling, and others as needed to staff and work on the initiatives of the Executive.

(e) *Duties.* The Federal Environmental Executive, in consultation with the Agency Environmental Executives, shall:

(1) identify and recommend initiatives for government-wide implementation that will promote the purposes of this order, including:

(A) the development of a federal plan for agency implementation of this order and appropriate incentives to encourage the acquisition of recycled and environmentally preferable products by the Federal Government;

(B) the development of a federal implementation plan and guidance for instituting economically efficient federal waste prevention, energy and water efficiency programs, and recycling programs within each agency; and

(C) the development of a plan for making maximum use of available funding assistance programs;

(2) collect and disseminate information electronically concerning methods to reduce waste, materials that can be recycled, costs and savings associated with waste prevention and recycling, and current market sources of products that are environmentally preferable or produced with recovered materials;

(3) provide guidance and assistance to the agencies in setting up and reporting on agency programs and monitoring their effectiveness; and

(4) coordinate appropriate government-wide education and training programs for agencies.

SEC. 302. *Agency Environmental Executives.* Within 90 days after the effective date of this order, the head of each Executive department and major procuring agency shall designate an Agency Environmental Executive from among his or her staff, who serves at a level no lower than at the Deputy Assistant Secretary level or equivalent. The Agency Environmental Executive will be responsible for:

(a) coordinating all environmental programs in the areas of procurement and acquisition, standards and specification review, facilities management, waste prevention and recycling, and logistics;

(b) participating in the interagency development of a Federal plan to:

(1) create an awareness and outreach program for the private sector to facilitate markets for environmentally preferable and recycled products and services, promote new technologies, improve awareness about federal efforts in this area, and expedite agency efforts to procure new products identified under this order;

(2) establish incentives, provide guidance and coordinate appropriate educational programs for agency employees; and

(3) coordinate the development of standard agency reports required by this order;

(c) reviewing agency programs and acquisitions to ensure compliance with this order.

PART 4—ACQUISITION PLANNING AND AFFIRMATIVE PROCUREMENT PROGRAMS

SEC. 401. *Acquisition Planning.* In developing plans, drawings, work statements, specifications, or other product descriptions, agencies shall consider the following factors: elimination of virgin material requirements; use of recovered materials; reuse of product; life cycle cost; recyclability; use of environmentally preferable products; waste prevention (including toxicity reduction or elimination); and ultimate disposal, as appropriate. These factors should be considered in acquisition planning for all procurements and in the evaluation and award of contracts, as appropriate. Program and acquisition managers should take an active role in these activities.

SEC. 402. *Affirmative Procurement Programs.* The head of each Executive agency shall develop and implement affirmative procurement programs in accordance with RCRA section 6002 (42 U.S.C. 6962) and this order. Agencies shall ensure that responsibilities for preparation, implementation and monitoring of affirmative procurement programs are shared between the program personnel and procurement personnel. For the purposes of all purchases made pursuant to this order, EPA, in consultation with such other Federal agencies as appropriate, shall endeavor to maximize environmental benefits, consistent with price, performance and availability considerations, and shall adjust bid solicitation guidelines as necessary in order to accomplish this goal.

(a) Agencies shall establish affirmative procurement programs for all designated EPA guideline items purchased by their agency. For newly designated items, agencies shall revise their internal programs within one year from the date EPA designated the new items.

(b) For the currently designated EPA guideline items, which are: (i) concrete and cement containing fly ash; (ii) recycled paper products; (iii) re-refined lubricating oil; (iv) retread tires; and (v) insulation containing recovered materials; and for all future guideline items, agencies shall ensure that their affirmative procurement programs require that 100 percent of their purchases of products meet or exceed the EPA guideline standards unless written justification is provided that a product is not available competitively within a reasonable time frame, does not meet appropriate performance standards, or is only available at an unreasonable price.

(c) The Agency Environmental Executives will track agencies' purchases of designated EPA guideline items and report agencies' purchases of such guideline items to the Federal Environmental Executive. Agency Environmental Executives will be required to justify to the Federal Environmental Executive as to why the item(s) have not been purchased or submit a plan for how the agencies intend to increase their purchases of the designated item(s).

(d) Agency affirmative procurement programs, to the maximum extent practicable, shall encourage that:

- (1) documents be transferred electronically,
- (2) all government documents printed internally be printed double-sided, and
- (3) contracts, grants, and cooperative agreements issued after the effective date of this order include provisions that require documents to be printed double-sided on recycled paper meeting or exceeding the standards established in this order or in future EPA guidelines.

SEC. 403. *Procurement of Existing Guideline Items.* Within 90 days after the effective date of this order, the head of each Executive agency that has not implemented an affirmative procurement program shall ensure that the affirmative procurement program has been established and is being implemented to the maximum extent practicable.

SEC. 404. *Electronic Acquisition System.* To reduce waste by eliminating unnecessary paper transactions in the acquisition process and to foster accurate data collection and reporting of agencies' purchases of recycled content and environmentally preferred products, the executive branch will implement an electronic commerce system consistent with the recommendations adopted as a result of the National Performance Review.

PART 5—STANDARDS, SPECIFICATIONS AND DESIGNATION OF ITEMS

SEC. 501. *Specifications, Product Descriptions and Standards.* Where applicable, Executive agencies shall review and revise federal and military specifications, product descriptions and standards to enhance Federal procurement of products made from recovered materials or that are environmentally preferable. When converting to a Commercial Item Description (CID), agencies shall ensure that environmental factors have been considered and that the CID meets or exceeds the environmentally preferable criteria of the government specification or product description. Agencies shall report annually on their compliance with this section to the Federal Environmental Executive for incorporation into the annual report to OMB referred to in section 301 of this order.

(a) If an inconsistency with RCRA Section 6002 [42 U.S.C. 6962] or this order is identified in a specification, standard, or product description, the Federal Environmental Executive shall request that the Environmental Executive of the pertinent agency advise the Federal Environmental Executive as to why the specification cannot be revised or submit a plan for revising it within 60 days.

(b) If an agency is able to revise an inconsistent specification but cannot do so within 60 days, it is the re-

sponsibility of that agency's Environmental Executive to monitor and implement the plan for revising it.

SEC. 502. *Designation of Items that Contain Recovered Materials.* In order to expedite the process of designating items that are or can be made with recovered materials, EPA shall institute a new process for designating these items in accordance with RCRA section 6002(e) [42 U.S.C. 6962(e)] as follows. (a) EPA shall issue a Comprehensive Procurement Guideline containing designated items that are or can be made with recovered materials.

(1) The proposed guideline shall be published for public comment in the Federal Register within 180 days after the effective date of this order and shall be updated annually after publication for comment to include additional items.

(2) Once items containing recovered materials have been designated by EPA through the new process established pursuant to this section and in compliance with RCRA section 6002, agencies shall modify their affirmative procurement programs to require that, to the maximum extent practicable, their purchases of products meet or exceed the EPA guideline standards unless written justification is provided that a product is not available competitively, not available within a reasonable time frame, does not meet appropriate performance standards, or is only available at an unreasonable price.

(b) Concurrent with the issuance of the Comprehensive Procurement Guideline required by section 502(a) of this order, EPA shall publish for public comment in the Federal Register Recovered Material Advisory Notice(s) that present the range of recovered material content levels within which the designated recycled items are currently available. These levels shall be updated periodically after publication for comment to reflect changes in market conditions.

SEC. 503. *Guidance for Environmentally Preferable Products.* In accordance with this order, EPA shall issue guidance that recommends principles that Executive agencies should use in making determinations for the preference and purchase of environmentally preferable products.

(a) Proposed guidance shall be published for public comment in the Federal Register within 180 days after the effective date of this order, and may be updated after public comment, as necessary, thereafter. To the extent necessary, EPA may issue additional guidance for public comment on how the principles can be applied to specific product categories.

(b) Once final guidance for environmentally preferable products has been issued by EPA, Executive agencies shall use these principles, to the maximum extent practicable, in identifying and purchasing environmentally preferable products and shall modify their procurement programs by reviewing and revising specifications, solicitation procedures, and policies as appropriate.

SEC. 504. *Minimum Content Standard for Printing and Writing Paper.* Executive agency heads shall ensure that agencies shall meet or exceed the following minimum materials content standards when purchasing or causing the purchase of printing and writing paper:

(a) For high speed copier paper, offset paper, forms bond, computer printout paper, carbonless paper, file folders, and white woven envelopes, the minimum content standard shall be no less than 20 percent postconsumer materials beginning December 31, 1994. This minimum content standard shall be increased to 30 percent beginning on December 31, 1998.

(b) For other uncoated printing and writing paper, such as writing and office paper, book paper, cotton fiber paper, and cover stock, the minimum content standard shall be 50 percent recovered materials, including 20 percent postconsumer materials beginning on December 31, 1994. This standard shall be increased to 30 percent beginning on December 31, 1998.

(c) As an alternative to meeting the standards in sections 504(a) and (b), for all printing and writing papers, the minimum content standard shall be no less than 50

percent recovered materials that are a waste material byproduct of a finished product other than a paper or textile product which would otherwise be disposed of in a landfill, as determined by the State in which the facility is located.

(1) The decision not to procure recycled content printing and writing paper meeting the standards specified in this section shall be based solely on a determination by the contracting officer that a satisfactory level of competition does not exist, that the items are not available within a reasonable time period, or that the available items fail to meet reasonable performance standards established by the agency or are only available at an unreasonable price.

(2) Each agency should implement waste prevention techniques, as specified in section 402(d) of this order, so that total annual expenditures for recycled content printing and writing paper do not exceed current annual budgets for paper products as measured by average annual expenditures, adjusted for inflation based on the Consumer Price Index or other suitable indices. In determining a target budget for printing and writing paper, agencies may take into account such factors as employee increases or decreases, new agency or statutory initiatives, and episodic or unique requirements (e.g., census).

(3) Effective immediately, all agencies making solicitations for the purchase of printing and writing paper shall seek bids for paper with postconsumer material or recovered waste material as described in section 504(c).

SEC. 505. *Revision of Brightness Specifications and Standards.* The General Services Administration and other Federal agencies are directed to identify, evaluate and revise or eliminate any standards or specifications unrelated to performance that present barriers to the purchase of paper or paper products made by production processes that minimize emissions of harmful byproducts. This evaluation shall include a review of unnecessary brightness and stock clause provisions, such as lignin content and chemical pulp requirements. The GSA shall complete the review and revision of such specifications within six months after the effective date of this order, and shall consult closely with the Joint Committee on Printing during such process. The GSA shall also compile any information or market studies that may be necessary to accomplish the objectives of this provision.

SEC. 506. *Procurement of Re-refined Lubricating Oil and Retread Tires.* Within 180 days after the effective date of this order, agencies shall implement the EPA procurement guidelines for re-refined lubricating oil and retread tires.

(a) Commodity managers shall finalize revisions to specifications for re-refined oil and retread tires, and develop and issue specifications for tire retreading services, as commodity managers shall take affirmative steps to procure these items in accordance with RCRA section 6002 [42 U.S.C. 6962].

(b) Once these items become available, fleet managers shall take affirmative steps to procure these items in accordance with RCRA section 6002.

SEC. 507. *Product Testing.* The Secretary of Commerce, through the National Institute of Standards and Technology ("NIST"), shall establish a program for testing the performance of products containing recovered materials or deemed to be environmentally preferable. NIST shall work with EPA, GSA and other public and private sector organizations that conduct appropriate life cycle analyses to gather information that will assist agencies in making selections of products and services that are environmentally preferable.

(a) NIST shall publish appropriate reports describing testing programs, their results, and recommendations for testing methods and related specifications for use by Executive agencies and other interested parties.

(b) NIST shall coordinate with other Executive and State agencies to avoid duplication with existing testing programs.

PART 6—AGENCY GOALS AND REPORTING REQUIREMENTS

SEC. 601. *Goals for Waste Reduction.* Each agency shall establish a goal for solid waste prevention and a goal for recycling to be achieved by the year 1995. These goals shall be submitted to the Federal Environmental Executive within 180 days after the effective date of this order. Progress on attaining these goals shall be reported by the agencies to the Federal Environmental Executive for the annual report specified in section 301 of this order.

SEC. 602. *Goal for Increasing the Procurement of Recycled and Other Environmentally Preferable Products.* Agencies shall strive to increase the procurement of products that are environmentally preferable or that are made with recovered materials and set annual goals to maximize the number of recycled products purchased, relative to non-recycled alternatives.

SEC. 603. *Review of Implementation.* The President's Council on Integrity and Efficiency ("PCIE") will request that the Inspectors General periodically review agencies' affirmative procurement programs and reporting procedures to ensure their compliance with this order.

PART 7—APPLICABILITY AND OTHER REQUIREMENTS

SEC. 701. *Contractor Operated Facilities.* Contracts that provide for contractor operation of a government-owned or leased facility, awarded after the effective date of this order, shall include provisions that obligate the contractor to comply with the requirements of this order within the scope of its operations. In addition, to the extent permitted by law and where economically feasible, existing contracts should be modified.

SEC. 702. *Real Property Acquisition and Management.* Within 90 days after the effective date of this order, and to the extent permitted by law and where economically feasible, Executive agencies shall ensure compliance with the provisions of this order in the acquisition and management of federally owned and leased space. GSA and other Executive agencies shall also include environmental and recycling provisions in the acquisition of all leased space and in the construction of new federal buildings.

SEC. 703. *Retention of Funds.* Within 90 days after the effective date of this order, the Administrator of GSA shall develop a legislative proposal providing authority for Executive agencies to retain a share of the proceeds from the sale of materials recovered through recycling or waste prevention programs and specifying the eligibility requirements for the materials being recycled.

SEC. 704. *Model Facility Programs.* Each Executive department and major procuring agency shall establish model facility demonstration programs that include comprehensive waste prevention and recycling programs and emphasize the procurement of recycled and environmentally preferable products and services using an electronic data interchange (EDI) system.

SEC. 705. *Recycling Programs.* Each Executive agency that has not already done so shall initiate a program to promote cost effective waste prevention and recycling of reusable materials in all of its facilities. The recycling programs implemented pursuant to this section must be compatible with applicable State and local recycling requirements. Federal agencies shall also consider cooperative ventures with State and local governments to promote recycling and waste reduction in the community.

PART 8—AWARENESS

SEC. 801. *Agency Awards Program.* A government-wide award will be presented annually by the White House to the best, most innovative program implementing the objectives of this order to give greater visibility to these efforts so that they can be incorporated government-wide.

SEC. 802. *Internal Agency Awards Programs.* Each agency shall develop an internal agency-wide awards pro-

gram, as appropriate, to reward its most innovative environmental programs. Winners of agency-wide awards will be eligible for the White House award program.

PART 9—REVOCATION, LIMITATION AND IMPLEMENTATION

SEC. 901. Executive Order No. 12780, dated October 31, 1991, is hereby revoked.

SEC. 902. This order is intended only to improve the internal management of the executive branch and is not intended to create any right or benefit, substantive or procedural, enforceable at law by a party against the United States, its agencies, its officers, or any other person.

SEC. 903. The policies expressed in this order, including the requirements and elements for effective agency affirmative procurement programs, shall be implemented and incorporated in the Federal Acquisition Regulation (FAR) within 180 days after the effective date of this order. The implementation language shall consist of providing specific direction and guidance on agency programs for preference, promotion, estimation, certification, reviewing and monitoring.

SEC. 904. This order shall be effective immediately.

WILLIAM J. CLINTON.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6939c of this title.

§ 6962. Federal procurement

(a) Application of section

Except as provided in subsection (b) of this section, a procuring agency shall comply with the requirements set forth in this section and any regulations issued under this section, with respect to any purchase or acquisition of a procurement item where the purchase price of the item exceeds \$10,000 or where the quantity of such items or of functionally equivalent items purchased or acquired in the course of the preceding fiscal year was \$10,000 or more.

(b) Procurement subject to other law

Any procurement, by any procuring agency, which is subject to regulations of the Administrator under section 6964 of this title (as promulgated before October 21, 1976, under comparable provisions of prior law) shall not be subject to the requirements of this section to the extent that such requirements are inconsistent with such regulations.

(c) Requirements

(1) After the date specified in applicable guidelines prepared pursuant to subsection (e) of this section, each procuring agency which procures any items designated in such guidelines shall procure such items composed of the highest percentage of recovered materials practicable (and in the case of paper, the highest percentage of the postconsumer recovered materials referred to in subsection (h)(1) of this section practicable), consistent with maintaining a satisfactory level of competition, considering such guidelines. The decision not to procure such items shall be based on a determination that such procurement items—

(A) are not reasonably available within a reasonable period of time;

(B) fail to meet the performance standards set forth in the applicable specifications or fail to meet the reasonable performance standards of the procuring agencies; or

(C) are only available at an unreasonable price. Any determination under subparagraph (B) shall be made on the basis of the guidelines of the National Institute of Standards and Technology in any case in which such material is covered by such guidelines.

(2) Agencies that generate heat, mechanical, or electrical energy from fossil fuel in systems that have the technical capability of using energy or fuels derived from solid waste as a primary or supplementary fuel shall use such capability to the maximum extent practicable.

(3)(A) After the date specified in any applicable guidelines prepared pursuant to subsection (e) of this section, contracting officers shall require that vendors:

(i) certify that the percentage of recovered materials to be used in the performance of the contract will be at least the amount required by applicable specifications or other contractual requirements and

(ii) estimate the percentage of the total material utilized for the performance of the contract which is recovered materials.

(B) Clause (ii) of subparagraph (A) applies only to a contract in an amount greater than \$100,000.

(d) Specifications

All Federal agencies that have the responsibility for drafting or reviewing specifications for procurement items procured by Federal agencies shall—

(1) as expeditiously as possible but in any event no later than eighteen months after November 8, 1984, eliminate from such specifications—

(A) any exclusion of recovered materials and

(B) any requirement that items be manufactured from virgin materials; and

(2) within one year after the date of publication of applicable guidelines under subsection (e) of this section, or as otherwise specified in such guidelines, assure that such specifications require the use of recovered materials to the maximum extent possible without jeopardizing the intended end use of the item.

(e) Guidelines

The Administrator, after consultation with the Administrator of General Services, the Secretary of Commerce (acting through the National Institute of Standards and Technology), and the Public Printer, shall prepare, and from time to time revise, guidelines for the use of procuring agencies in complying with the requirements of this section. Such guidelines shall—

(1) designate those items which are or can be produced with recovered materials and whose procurement by procuring agencies will carry out the objectives of this section, and in the case of paper, provide for maximizing the use of post consumer recovered materials referred to in subsection (h)(1) of this section; and

(2) set forth recommended practices with respect to the procurement of recovered materials and items containing such materials and with respect to certification by vendors of the percentage of recovered materials used,

and shall provide information as to the availability, relative price, and performance of such materials and items and where appropriate shall recommend the level of recovered material to be contained in the procured product. The Administrator shall prepare final guidelines for paper within one hundred and eighty days after November 8, 1984, and for three additional product categories (including tires) by October 1, 1985. In making the designation under paragraph (1), the Administrator shall consider, but is not limited in his considerations, to—

(A) the availability of such items;

(B) the impact of the procurement of such items by procuring agencies on the volume of solid waste which must be treated, stored or disposed of;

(C) the economic and technological feasibility of producing and using such items; and

(D) other uses for such recovered materials.

(f) Procurement of services

A procuring agency shall, to the maximum extent practicable, manage or arrange for the procurement of solid waste management services in a manner which maximizes energy and resource recovery.

(g) Executive Office

The Office of Procurement Policy in the Executive Office of the President, in cooperation with the Administrator, shall implement the requirements of this section. It shall be the responsibility of the Office of Procurement Policy to coordinate this policy with other policies for Federal procurement, in such a way as to maximize the use of recovered resources, and to, every two years beginning in 1984, report to the Congress on actions taken by Federal agencies and the progress made in the implementation of this section, including agency compliance with subsection (d) of this section.

(h) "Recovered materials" defined

As used in this section, in the case of paper products, the term "recovered materials" includes—

(1) postconsumer materials such as—

(A) paper, paperboard, and fibrous wastes from retail stores, office buildings, homes, and so forth, after they have passed through their end-usage as a consumer item, including: used corrugated boxes; old newspapers; old magazines; mixed waste paper; tabulating cards; and used cordage; and

(B) all paper, paperboard, and fibrous wastes that enter and are collected from municipal solid waste, and

(2) manufacturing, forest residues, and other wastes such as—

(A) dry paper and paperboard waste generated after completion of the papermaking process (that is, those manufacturing operations up to and including the cutting and trimming of the paper machine reel into smaller rolls or rough sheets) including: envelope cuttings, bindery trimmings, and other paper and paperboard waste, resulting from printing, cutting, forming, and other converting operations; bag, box, and carton manufacturing wastes; and butt rolls, mill wrappers, and rejected unused stock; and

(B) finished paper and paperboard from obsolete inventories of paper and paperboard manufacturers, merchants, wholesalers, dealers, printers, converters, or others;

(C) fibrous byproducts of harvesting, manufacturing, extractive, or wood-cutting processes, flax, straw, linters, bagasse, slash, and other forest residues;

(D) wastes generated by the conversion of goods made from fibrous material (that is, waste rope from cordage manufacture, textile mill waste, and cuttings); and

(E) fibers recovered from waste water which otherwise would enter the waste stream.

(i) Procurement program

(1) Within one year after the date of publication of applicable guidelines under subsection (e) of this section, each procuring agency shall develop an affirmative procurement program which will assure that items composed of recovered materials will be purchased to the maximum extent practicable and which is consistent with applicable provisions of Federal procurement law.

(2) Each affirmative procurement program required under this subsection shall, at a minimum, contain—

(A) a recovered materials preference program;

(B) an agency promotion program to promote the preference program adopted under subparagraph (A);

(C) a program for requiring estimates of the total percentage of recovered material utilized in the performance of a contract; certification of minimum recovered material content actually utilized, where appropriate; and reasonable verification procedures for estimates and certifications; and

(D) annual review and monitoring of the effectiveness of an agency's affirmative procurement program.

In the case of paper, the recovered materials preference program required under subparagraph (A) shall provide for the maximum use of the post consumer recovered materials referred to in subsection (h)(1) of this section.

(3) In developing the preference program, the following options shall be considered for adoption:

(A) Case-by-Case Policy Development: Subject to the limitations of subsection (c)(1)(A) through (C) of this section, a policy of awarding contracts to the vendor offering an item composed of the highest percentage of recovered materials practicable (and in the case of paper, the highest percentage of the post consumer recovered materials referred to in subsection (h)(1) of this section). Subject to such limitations, agencies may make an award to a vendor offering items with less than the maximum recovered materials content.

(B) Minimum Content Standards: Minimum recovered materials content specifications which are set in such a way as to assure that the recovered materials content (and in the case of paper, the content of post consumer materials referred to in subsection (h)(1) of this section) required is the maximum avail-

able without jeopardizing the intended end use of the item, or violating the limitations of subsection (c)(1)(A) through (C) of this section.

Procuring agencies shall adopt one of the options set forth in subparagraphs (A) and (B) or a substantially equivalent alternative, for inclusion in the affirmative procurement program.

(Pub. L. 89-272, title II, §6002, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2822; amended Pub. L. 95-609, §7(n), Nov. 8, 1978, 92 Stat. 3082; Pub. L. 96-482, §22, Oct. 21, 1980, 94 Stat. 2346; Pub. L. 97-375, title I, §102, Dec. 21, 1982, 96 Stat. 1819; Pub. L. 98-616, title V, §501(a)-(e), Nov. 8, 1984, 98 Stat. 3274-3276; Pub. L. 100-418, title V, §5115(c), Aug. 23, 1988, 102 Stat. 1433; Pub. L. 102-393, title VI, §630, Oct. 6, 1992, 106 Stat. 1773; Pub. L. 103-355, title I, §1554(1), title IV, §4104(e), Oct. 13, 1994, 108 Stat. 3300, 3342.)

CODIFICATION

Pub. L. 102-393, title VI, §630, Oct. 6, 1990, 106 Stat. 1773, which directed that this title be amended by adding a new section 6962j, relating to a preference for recycled toner cartridges, and which had been executed by adding the provisions of purported new section as subsec. (j) of this section, to reflect the probable intent of Congress, was repealed by Pub. L. 103-355, title I, §1554(1), Oct. 13, 1994, 108 Stat. 3300. Similar provisions were contained in Pub. L. 103-123, title IV, §401, Oct. 28, 1993, 107 Stat. 1238, prior to repeal by Pub. L. 103-355, title I, §1554(2), Oct. 13, 1994, 108 Stat. 3300.

AMENDMENTS

1994—Subsec. (c)(3). Pub. L. 103-355, §4104(e), designated existing provisions as subpar. (A), redesignated subpars. (A) and (B) as cls. (i) and (ii), respectively, and added subpar. (B).

Subsec. (j). Pub. L. 103-355, §1554(1), struck out subsec. (j). See Codification note above.

1992—Subsec. (j). Pub. L. 102-393 added subsec. (j). See Codification note above.

1988—Subsecs. (c)(1)(C), (e). Pub. L. 100-418 substituted “National Institute of Standards and Technology” for “Bureau of Standards”.

1984—Subsec. (c)(1). Pub. L. 98-616, §501(c), inserted “(and in the case of paper, the highest percentage of the postconsumer recovered materials referred to in subsection (h)(1) of this section practicable)”.

Subsec. (d)(1). Pub. L. 98-616, §501(e), substituted “eighteen months after November 8, 1984” for “five years after October 21, 1976”.

Subsec. (e). Pub. L. 98-616, §501(b)(2), substituted “for paper within one hundred and eighty days after November 8, 1984, and for three additional product categories (including tires) by October 1, 1985” for “for at least three product categories, including paper, by May 1, 1981, and for two additional product categories, including construction materials, by September 30, 1982.” in provisions following par. (2).

Subsec. (e)(1). Pub. L. 98-616, §501(b)(1), inserted “, and in the case of paper, provide for maximizing the use of post consumer recovered materials referred to in subsection (h)(1) of this section”.

Subsec. (g). Pub. L. 98-616, §501(d), substituted “the requirements of” for “the policy expressed in” and inserted “, and to, every two years beginning in 1984, report to the Congress on actions taken by Federal agencies and the progress made in the implementation of this section, including agency compliance with subsection (d) of this section”.

Subsecs. (h), (i). Pub. L. 98-616, §501(a), added subsecs. (h) and (i).

1982—Subsec. (g). Pub. L. 97-375 struck out provision requiring the Office of Procurement Policy to report annually to Congress on actions taken by Federal agencies and the progress made in the implementation of the policy expressed in this section.

1980—Subsec. (c)(1). Pub. L. 96-482, §22(1), (2), in provision preceding subpar. (A), substituted “After the date specified in applicable guidelines prepared pursuant to subsection (e) of this section, each procuring agency which procures any item designated in such guidelines shall procure such” for “After two years after October 21, 1976, each procuring agency shall procure”, and in subpar. (C), “subparagraph (B)” for “clause (B)”.

Subsec. (c)(2). Pub. L. 96-482, §22(3), substituted “energy or fuels derived from solid waste” for “recovered material and recovered-material-derived fuel”.

Subsec. (c)(3). Pub. L. 96-482, §22(4), substituted subpars. (A) and (B) for provision requiring certification of the percentage of the total material utilized for the performance of the contract which is recovered materials.

Subsec. (d). Pub. L. 96-482, §22(5), in par. (1), substituted provision requiring Federal agencies to eliminate from specifications as expeditiously as possible, but in no event later than 5 years after Oct. 21, 1976, any exclusion of recovered materials and any requirement that items be manufactured from virgin materials for provision that Federal agencies in reviewing specifications, ascertain whether those specifications violate prohibitions in par. (2)(A) to (C), with such review undertaken not later than 18 months after Oct. 21, 1976, and in par. (2), substituted provision that Federal agencies act within 1 year from publication of applicable guidelines under subsec. (e) of this section for provision that in drafting or revising specifications after Oct. 21, 1976, any exclusion of recovered materials be eliminated and specifications not require the item to be manufactured from virgin materials.

Subsec. (e). Pub. L. 96-482, §22(6), designated provision relating to requirements of guidelines as cl. (2) and subpars. (A) and (C), added cl. (1), subpars. (B) and (C), and provision preceding subpar. (A), and struck out provision requiring information on source of supply.

1978—Subsec. (c). Pub. L. 95-609, §7(n)(1), (2), redesignated subpar. (1)(A) as par. (1), subpars. (1)(B) and (C) as pars. (2) and (3), respectively, and cls. (i) to (iii) of former subpar. (1)(A) as subpars. (A) to (C), respectively, of par. (1), and in par. (3), as so redesignated, inserted “After the date specified in any applicable guidelines prepared pursuant to subsection (e) of this section,” before “contracting”.

Subsec. (e). Pub. L. 95-609, §7(n)(3), inserted provision dealing with certification by vendors of the materials used.

EFFECTIVE DATE OF 1994 AMENDMENT

For effective date and applicability of amendment by Pub. L. 103-355, see section 10001 of Pub. L. 103-355, set out as a note under section 251 of Title 41, Public Contracts.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

FEDERAL ACQUISITION, RECYCLING, AND WASTE PREVENTION

Executive agency heads to develop and implement affirmative procurement programs in accordance with this section and Ex. Ord. No. 12873, and specifications, standards, and product descriptions inconsistent with this section or Ex. Ord. No. 12873 to be revised, see Ex. Ord. No. 12873, §§402, 501(a), Oct. 20, 1993, 58 F.R. 54914, 54915, set out as a note under section 6961 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6905, 6941 of this title.

§ 6963. Cooperation with Environmental Protection Agency

(a) General rule

All Federal agencies shall assist the Administrator in carrying out his functions under this chapter and shall promptly make available all requested information concerning past or present Agency waste management practices and past or present Agency owned, leased, or operated solid or hazardous waste facilities. This information shall be provided in such format as may be determined by the Administrator.

(b) Information relating to energy and materials conservation and recovery

The Administrator shall collect, maintain, and disseminate information concerning the market potential of energy and materials recovered from solid waste, including materials obtained through source separation, and information concerning the savings potential of conserving resources contributing to the waste stream. The Administrator shall identify the regions in which the increased substitution of such energy for energy derived from fossil fuels and other sources is most likely to be feasible, and provide information on the technical and economic aspects of developing integrated resource conservation or recovery systems which provide for the recovery of source-separated materials to be recycled or the conservation of resources. The Administrator shall utilize the authorities of subsection (a) of this section in carrying out this subsection.

(Pub. L. 89-272, title II, §6003, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2823; amended Pub. L. 96-482, §32(g), Oct. 21, 1980, 94 Stat. 2355.)

AMENDMENTS

1980—Pub. L. 96-482 designated existing provision as subsec. (a), substituted provision that information be provided in a format determined by the Administrator for provision that information be furnished on a reimbursable basis, and added subsec. (b).

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6964. Applicability of solid waste disposal guidelines to Executive agencies

(a) Compliance

(1) If—

(A) an Executive agency (as defined in section 105 of title 5) or any unit of the legislative branch of the Federal Government has jurisdiction over any real property or facility the operation or administration of which involves such agency in solid waste management activities, or

(B) such an agency enters into a contract with any person for the operation by such person of any Federal property or facility, and the performance of such contract involves such person in solid waste management activities,

then such agency shall insure compliance with the guidelines recommended under section 6907 of this title and the purposes of this chapter in the operation or administration of such property or facility, or the performance of such contract, as the case may be.

(2) Each Executive agency or any unit of the legislative branch of the Federal Government which conducts any activity—

(A) which generates solid waste, and

(B) which, if conducted by a person other than such agency, would require a permit or license from such agency in order to dispose of such solid waste,

shall insure compliance with such guidelines and the purposes of this chapter in conducting such activity.

(3) Each Executive agency which permits the use of Federal property for purposes of disposal of solid waste shall insure compliance with such guidelines and the purposes of this chapter in the disposal of such waste.

(4) The President or the Committee on House Administration of the House of Representatives and the Committee on Rules and Administration of the Senate with regard to any unit of the legislative branch of the Federal Government shall prescribe regulations to carry out this subsection.

(b) Licenses and permits

Each Executive agency which issues any license or permit for disposal of solid waste shall, prior to the issuance of such license or permit, consult with the Administrator to insure compliance with guidelines recommended under section 6907 of this title and the purposes of this chapter.

(Pub. L. 89-272, title II, §6004, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2823; amended Pub. L. 95-609, §7(o), Nov. 8, 1978, 92 Stat. 3083; Pub. L. 96-482, §23, Oct. 21, 1980, 94 Stat. 2347.)

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3254e of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

AMENDMENTS

1980—Subsec. (a)(1)(A). Pub. L. 96-482, §23(1), inserted reference to any unit of the legislative branch of the Federal Government.

Subsec. (a)(2). Pub. L. 96-482, §23(2), required any unit of the legislative branch of the Federal Government to insure compliance with solid waste disposal guidelines.

Subsec. (a)(4). Pub. L. 96-482, §23(3), required House Committee on House Administration and Senate Committee on Rules and Administration with regard to any unit of the legislative branch of the Federal Government to prescribe implementing regulations.

1978—Subsec. (a)(1). Pub. L. 95-609, §7(o)(1), (2), substituted “management” for “disposal” in two places.

Subsec. (b). Pub. L. 95-609, §7(o)(3), substituted “Administrator” for “Secretary”.

CHANGE OF NAME

Committee on House Administration of House of Representatives treated as referring to Committee on House Oversight of House of Representatives by section 1(a) of Pub. L. 104-14, set out as a note preceding section 21 of Title 2, The Congress.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protec-

tion Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6962 of this title.

§ 6965. Chief Financial Officer report

The Chief Financial Officer of each affected agency shall submit to Congress an annual report containing, to the extent practicable, a detailed description of the compliance activities undertaken by the agency for mixed waste streams, and an accounting of the fines and penalties imposed on the agency for violations involving mixed waste.

(Pub. L. 102-386, title I, §110, Oct. 6, 1992, 106 Stat. 1516.)

CODIFICATION

Section was enacted as part of the Federal Facility Compliance Act of 1992, and not as part of the Solid Waste Disposal Act which comprises this chapter.

SUBCHAPTER VII—MISCELLANEOUS PROVISIONS

§ 6971. Employee protection

(a) General

No person shall fire, or in any other way discriminate against, or cause to be fired or discriminated against, any employee or any authorized representative of employees by reason of the fact that such employee or representative has filed, instituted, or caused to be filed or instituted any proceeding under this chapter or under any applicable implementation plan, or has testified or is about to testify in any proceeding resulting from the administration or enforcement of the provisions of this chapter or of any applicable implementation plan.

(b) Remedy

Any employee or a representative of employees who believes that he has been fired or otherwise discriminated against by any person in violation of subsection (a) of this section may, within thirty days after such alleged violation occurs, apply to the Secretary of Labor for a review of such firing or alleged discrimination. A copy of the application shall be sent to such person who shall be the respondent. Upon receipt of such application, the Secretary of Labor shall cause such investigation to be made as he deems appropriate. Such investigation shall provide an opportunity for a public hearing at the request of any party to such review to enable the parties to present information relating to such alleged violation. The parties shall be given written notice of the time and place of the hearing at least five days prior to the hearing. Any such hearing shall be of record and shall be subject to section 554 of title 5. Upon receiving the report of such investigation, the Secretary of Labor shall make findings of fact. If he finds that such violation did occur, he shall issue a decision, incorporating an order therein and his findings, requiring the party committing such violation to take such affirmative action to abate the viola-

tion as the Secretary of Labor deems appropriate, including, but not limited to, the rehiring or reinstatement of the employee or representative of employees to his former position with compensation. If he finds that there was no such violation, he shall issue an order denying the application. Such order issued by the Secretary of Labor under this subparagraph shall be subject to judicial review in the same manner as orders and decisions of the Administrator or subject to judicial review under this chapter.

(c) Costs

Whenever an order is issued under this section to abate such violation, at the request of the applicant, a sum equal to the aggregate amount of all costs and expenses (including the attorney's fees) as determined by the Secretary of Labor, to have been reasonably incurred by the applicant for, or in connection with, the institution and prosecution of such proceedings, shall be assessed against the person committing such violation.

(d) Exception

This section shall have no application to any employee who, acting without direction from his employer (or his agent) deliberately violates any requirement of this chapter.

(e) Employment shifts and loss

The Administrator shall conduct continuing evaluations of potential loss or shifts of employment which may result from the administration or enforcement of the provisions of this chapter and applicable implementation plans, including, where appropriate, investigating threatened plant closures or reductions in employment allegedly resulting from such administration or enforcement. Any employee who is discharged, or laid off, threatened with discharge or layoff, or otherwise discriminated against by any person because of the alleged results of such administration or enforcement, or any representative of such employee, may request the Administrator to conduct a full investigation of the matter. The Administrator shall thereupon investigate the matter and, at the request of any party, shall hold public hearings on not less than five days' notice, and shall at such hearings require the parties, including the employer involved, to present information relating to the actual or potential effect of such administration or enforcement on employment and on any alleged discharge, layoff, or other discrimination and the detailed reasons or justification therefor. Any such hearing shall be of record and shall be subject to section 554 of title 5. Upon receiving the report of such investigation, the Administrator shall make findings of fact as to the effect of such administration or enforcement on employment and on the alleged discharge, layoff, or discrimination and shall make such recommendations as he deems appropriate. Such report, findings, and recommendations shall be available to the public. Nothing in this subsection shall be construed to require or authorize the Administrator or any State to modify or withdraw any standard, limitation, or any other requirement of this chapter or any applicable implementation plan.

(f) Occupational safety and health

In order to assist the Secretary of Labor and the Director of the National Institute for Occupational Safety and Health in carrying out their duties under the Occupational Safety and Health Act of 1970 [29 U.S.C. 651 et seq.], the Administrator shall—

(1) provide the following information, as such information becomes available, to the Secretary and the Director:

(A) the identity of any hazardous waste generation, treatment, storage, disposal facility or site where cleanup is planned or underway;

(B) information identifying the hazards to which persons working at a hazardous waste generation, treatment, storage, disposal facility or site or otherwise handling hazardous waste may be exposed, the nature and extent of the exposure, and methods to protect workers from such hazards; and

(C) incidents of worker injury or harm at a hazardous waste generation, treatment, storage or disposal facility or site; and

(2) notify the Secretary and the Director of the Administrator's receipt of notifications under section 6930 or reports under sections 6922, 6923, and 6924 of this title and make such notifications and reports available to the Secretary and the Director.

(Pub. L. 89-272, title II, §7001, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2824; amended Pub. L. 96-482, §24, Oct. 21, 1980, 94 Stat. 2347.)

REFERENCES IN TEXT

The Occupational Safety and Health Act of 1970, referred to in subsec. (f), is Pub. L. 91-596, Dec. 29, 1970, 84 Stat. 1590, as amended, which is classified principally to chapter 15 (§651 et seq.) of Title 29, Labor. For complete classification of this Act to the Code, see Short Title note set out under section 651 of Title 29 and Tables.

AMENDMENTS

1980—Subsec. (f). Pub. L. 96-482 added subsec. (f).

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6972. Citizen suits**(a) In general**

Except as provided in subsection (b) or (c) of this section, any person may commence a civil action on his own behalf—

(1)(A) against any person (including (a) the United States, and (b) any other governmental instrumentality or agency, to the extent permitted by the eleventh amendment to the Constitution) who is alleged to be in violation of any permit, standard, regulation, condition, requirement, prohibition, or order which has become effective pursuant to this chapter; or

(B) against any person, including the United States and any other governmental instrumentality or agency, to the extent permitted

by the eleventh amendment to the Constitution, and including any past or present generator, past or present transporter, or past or present owner or operator of a treatment, storage, or disposal facility, who has contributed or who is contributing to the past or present handling, storage, treatment, transportation, or disposal of any solid or hazardous waste which may present an imminent and substantial endangerment to health or the environment; or

(2) against the Administrator where there is alleged a failure of the Administrator to perform any act or duty under this chapter which is not discretionary with the Administrator.

Any action under paragraph (a)(1) of this subsection shall be brought in the district court for the district in which the alleged violation occurred or the alleged endangerment may occur. Any action brought under paragraph (a)(2) of this subsection may be brought in the district court for the district in which the alleged violation occurred or in the District Court of the District of Columbia. The district court shall have jurisdiction, without regard to the amount in controversy or the citizenship of the parties, to enforce the permit, standard, regulation, condition, requirement, prohibition, or order, referred to in paragraph (1)(A), to restrain any person who has contributed or who is contributing to the past or present handling, storage, treatment, transportation, or disposal of any solid or hazardous waste referred to in paragraph (1)(B), to order such person to take such other action as may be necessary, or both, or to order the Administrator to perform the act or duty referred to in paragraph (2), as the case may be, and to apply any appropriate civil penalties under section 6928(a) and (g) of this title.

(b) Actions prohibited

(1) No action may be commenced under subsection (a)(1)(A) of this section—

(A) prior to 60 days after the plaintiff has given notice of the violation to—

(i) the Administrator;

(ii) the State in which the alleged violation occurs; and

(iii) to any alleged violator of such permit, standard, regulation, condition, requirement, prohibition, or order,

except that such action may be brought immediately after such notification in the case of an action under this section respecting a violation of subchapter III of this chapter; or

(B) if the Administrator or State has commenced and is diligently prosecuting a civil or criminal action in a court of the United States or a State to require compliance with such permit, standard, regulation, condition, requirement, prohibition, or order.

In any action under subsection (a)(1)(A) of this section in a court of the United States, any person may intervene as a matter of right.

(2)(A) No action may be commenced under subsection (a)(1)(B) of this section prior to ninety days after the plaintiff has given notice of the endangerment to—

(i) the Administrator;

(ii) the State in which the alleged endangerment may occur;

(iii) any person alleged to have contributed or to be contributing to the past or present handling, storage, treatment, transportation, or disposal of any solid or hazardous waste referred to in subsection (a)(1)(B) of this section, except that such action may be brought immediately after such notification in the case of an action under this section respecting a violation of subchapter III of this chapter.

(B) No action may be commenced under subsection (a)(1)(B) of this section if the Administrator, in order to restrain or abate acts or conditions which may have contributed or are contributing to the activities which may present the alleged endangerment—

(i) has commenced and is diligently prosecuting an action under section 6973 of this title or under section 106 of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 [42 U.S.C. 9606],¹

(ii) is actually engaging in a removal action under section 104 of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 [42 U.S.C. 9604];

(iii) has incurred costs to initiate a Remedial Investigation and Feasibility Study under section 104 of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 [42 U.S.C. 9604] and is diligently proceeding with a remedial action under that Act [42 U.S.C. 9601 et seq.]; or

(iv) has obtained a court order (including a consent decree) or issued an administrative order under section 106 of the Comprehensive Environmental Response, Compensation and Liability Act of 1980² [42 U.S.C. 9606] or section 6973 of this title pursuant to which a responsible party is diligently conducting a removal action, Remedial Investigation and Feasibility Study (RIFS), or proceeding with a remedial action.

In the case of an administrative order referred to in clause (iv), actions under subsection (a)(1)(B) of this section are prohibited only as to the scope and duration of the administrative order referred to in clause (iv).

(C) No action may be commenced under subsection (a)(1)(B) of this section if the State, in order to restrain or abate acts or conditions which may have contributed or are contributing to the activities which may present the alleged endangerment—

(i) has commenced and is diligently prosecuting an action under subsection (a)(1)(B) of this section;

(ii) is actually engaging in a removal action under section 104 of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 [42 U.S.C. 9604]; or

(iii) has incurred costs to initiate a Remedial Investigation and Feasibility Study under section 104 of the Comprehensive Environmental Response, Compensation and Liability Act of 1980 [42 U.S.C. 9604] and is diligently proceeding with a remedial action under that Act [42 U.S.C. 9601 et seq.].

(D) No action may be commenced under subsection (a)(1)(B) of this section by any person

(other than a State or local government) with respect to the siting of a hazardous waste treatment, storage, or a disposal facility, nor to restrain or enjoin the issuance of a permit for such facility.

(E) In any action under subsection (a)(1)(B) of this section in a court of the United States, any person may intervene as a matter of right when the applicant claims an interest relating to the subject of the action and he is so situated that the disposition of the action may, as a practical matter, impair or impede his ability to protect that interest, unless the Administrator or the State shows that the applicant's interest is adequately represented by existing parties.

(F) Whenever any action is brought under subsection (a)(1)(B) of this section in a court of the United States, the plaintiff shall serve a copy of the complaint on the Attorney General of the United States and with the Administrator.

(c) Notice

No action may be commenced under paragraph (a)(2) of this section prior to sixty days after the plaintiff has given notice to the Administrator that he will commence such action, except that such action may be brought immediately after such notification in the case of an action under this section respecting a violation of subchapter III of this chapter. Notice under this subsection shall be given in such manner as the Administrator shall prescribe by regulation. Any action respecting a violation under this chapter may be brought under this section only in the judicial district in which such alleged violation occurs.

(d) Intervention

In any action under this section the Administrator, if not a party, may intervene as a matter of right.

(e) Costs

The court, in issuing any final order in any action brought pursuant to this section or section 6976 of this title, may award costs of litigation (including reasonable attorney and expert witness fees) to the prevailing or substantially prevailing party, whenever the court determines such an award is appropriate. The court may, if a temporary restraining order or preliminary injunction is sought, require the filing of a bond or equivalent security in accordance with the Federal Rules of Civil Procedure.

(f) Other rights preserved

Nothing in this section shall restrict any right which any person (or class of persons) may have under any statute or common law to seek enforcement of any standard or requirement relating to the management of solid waste or hazardous waste, or to seek any other relief (including relief against the Administrator or a State agency).

(g) Transporters

A transporter shall not be deemed to have contributed or to be contributing to the handling, storage, treatment, or disposal, referred to in subsection (a)(1)(B) of this section taking place after such solid waste or hazardous waste has left the possession or control of such transporter, if the transportation of such waste was under a sole contractual arrangement arising

¹ So in original. The comma probably should be a semicolon.

² So in original. Probably should be "1980".

from a published tariff and acceptance for carriage by common carrier by rail and such transporter has exercised due care in the past or present handling, storage, treatment, transportation and disposal of such waste.

(Pub. L. 89-272, title II, §7002, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2825; amended Pub. L. 95-609, §7(p), Nov. 8, 1978, 92 Stat. 3083; Pub. L. 98-616, title IV, §401, Nov. 8, 1984, 98 Stat. 3268.)

REFERENCES IN TEXT

That Act, referred to in subsec. (b)(2)(B)(iii), (C)(iii), means Pub. L. 96-510, Dec. 11, 1980, 94 Stat. 2767, as amended, known as the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, which is classified principally to chapter 103 (§9601 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 9601 of this title and Tables.

The Federal Rules of Civil Procedure, referred to in subsec. (e), are set out in the Appendix to Title 28, Judiciary and Judicial Procedure.

AMENDMENTS

1984—Subsec. (a). Pub. L. 98-616, §401(a), (b), designated existing provisions of subsec. (a)(1) as subpar. (A) thereof, inserted “prohibition,” after “requirement,” added subpar. (B), and in provisions following par. (2) inserted “or the alleged endangerment may occur” in first sentence and substituted “to enforce the permit, standard, regulation, condition, requirement, prohibition, or order, referred to in paragraph (1)(A), to restrain any person who has contributed or who is contributing to the past or present handling, storage, treatment, transportation, or disposal of any solid or hazardous waste referred to in paragraph (1)(B), to order such person to take such other action as may be necessary, or both, or to order the Administrator to perform the act or duty referred to in paragraph (2), as the case may be, and to apply any appropriate civil penalties under section 6928(a) and (g) of this title” for “to enforce such regulation or order, or to order the Administrator to perform such act or duty as the case may be”.

Subsec. (b). Pub. L. 98-616, §401(d), amended subsec. (b) generally. Prior to amendment, subsec. (b) read as follows: “No action may be commenced under paragraph (a)(1) of this section—

“(1) prior to sixty days after the plaintiff has given notice of the violation (A) to the Administrator; (B) to the State in which the alleged violation occurs; and (C) to any alleged violator of such permit, standard, regulation, condition, requirement, or order; or

“(2) if the Administrator or State has commenced and is diligently prosecuting a civil or criminal action in a court of the United States or a State to require compliance with such permit, standard, regulation, condition, requirement, or order: *Provided, however*, That in any such action in a court of the United States, any person may intervene as a matter of right.”

Subsec. (e). Pub. L. 98-616, §401(e), substituted “to the prevailing or substantially prevailing party” for “to any party” and inserted “or section 6976 of this title”.

Subsec. (g). Pub. L. 98-616, §401(c), added subsec. (g).

1978—Subsec. (c). Pub. L. 95-609, §7(p)(1), substituted “subchapter III of this chapter” for “section 212 of this Act.”

Subsec. (e). Pub. L. 95-609, §7(p)(2), substituted “require” for “requiring”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas

Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6945 of this title.

§ 6973. Imminent hazard

(a) Authority of Administrator

Notwithstanding any other provision of this chapter, upon receipt of evidence that the past or present handling, storage, treatment, transportation or disposal of any solid waste or hazardous waste may present an imminent and substantial endangerment to health or the environment, the Administrator may bring suit on behalf of the United States in the appropriate district court against any person (including any past or present generator, past or present transporter, or past or present owner or operator of a treatment, storage, or disposal facility) who has contributed or who is contributing to such handling, storage, treatment, transportation or disposal to restrain such person from such handling, storage, treatment, transportation, or disposal, to order such person to take such other action as may be necessary, or both. A transporter shall not be deemed to have contributed or to be contributing to such handling, storage, treatment, or disposal taking place after such solid waste or hazardous waste has left the possession or control of such transporter if the transportation of such waste was under a sole contractual¹ arrangement arising from a published tariff and acceptance for carriage by common carrier by rail and such transporter has exercised due care in the past or present handling, storage, treatment, transportation and disposal of such waste. The Administrator shall provide notice to the affected State of any such suit. The Administrator may also, after notice to the affected State, take other action under this section including, but not limited to, issuing such orders as may be necessary to protect public health and the environment.

(b) Violations

Any person who willfully violates, or fails or refuses to comply with, any order of the Administrator under subsection (a) of this section may, in an action brought in the appropriate United States district court to enforce such order, be fined not more than \$5,000 for each day in which such violation occurs or such failure to comply continues.

(c) Immediate notice

Upon receipt of information that there is hazardous waste at any site which has presented an imminent and substantial endangerment to human health or the environment, the Administrator shall provide immediate notice to the appropriate local government agencies. In addition, the Administrator shall require notice of such endangerment to be promptly posted at the site where the waste is located.

(d) Public participation in settlements

Whenever the United States or the Administrator proposes to covenant not to sue or to for-

¹ So in original. Probably should be “contractual”.

bear from suit or to settle any claim arising under this section, notice, and opportunity for a public meeting in the affected area, and a reasonable opportunity to comment on the proposed settlement prior to its final entry shall be afforded to the public. The decision of the United States or the Administrator to enter into or not to enter into such Consent Decree, covenant or agreement shall not constitute a final agency action subject to judicial review under this chapter or chapter 7 of title 5.

(Pub. L. 89-272, title II, §7003, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2826; amended Pub. L. 95-609, §7(q), Nov. 8, 1978, 92 Stat. 3083; Pub. L. 96-482, §25, Oct. 21, 1980, 94 Stat. 2348; Pub. L. 98-616, title IV, §§402, 403(a), 404, Nov. 8, 1984, 98 Stat. 3271, 3273.)

CODIFICATION

In subsec. (d), “chapter 7 of title 5” substituted for “the Administrative Procedure Act” on authority of Pub. L. 89-554, §7(b), Sept. 6, 1966, 80 Stat. 631, the first section of which enacted Title 5, Government Organization and Employees.

AMENDMENTS

1984—Subsec. (a). Pub. L. 98-616, §402, inserted “past or present” after “evidence that the”, substituted “against any person (including any past or present generator, past or present transporter, or past or present owner or operator of a treatment, storage, or disposal facility) who has contributed or, who is” for “to immediately restrain any person”, substituted “to restrain such person from” for “to stop”, substituted “, to order such person to take such other action as may be necessary, or both” for “or to take such other action as may be necessary”, and inserted “A transporter shall not be deemed to have contributed or to be contributing to such handling, storage, treatment, or disposal, taking place after such solid waste or hazardous waste has left the possession or control of such transporter, if the transportation of such waste was under a sole contractual [sic] arrangement arising from a published tariff and acceptance for carriage by common carrier by rail and such transporter has exercised due care in the past or present handling, storage, treatment, transportation and disposal of such waste.”

Subsec. (c). Pub. L. 98-616, §403(a), added subsec. (c).

Subsec. (d). Pub. L. 98-616, §404, added subsec. (d).

1980—Pub. L. 96-482, §25, designated existing provisions as subsec. (a), substituted “may present” for “is presenting” and “such handling, storage, treatment, transportation or disposal” for “the alleged disposal” and authorized other action to be taken by the Administrator after notice including issuance of protective orders relating to public health and the environment, and added subsec. (b).

1978—Pub. L. 95-609 struck out “for” after “restrain any person”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6972, 7412, 9604, 9606 of this title.

§ 6974. Petition for regulations; public participation

(a) Petition

Any person may petition the Administrator for the promulgation, amendment, or repeal of any regulation under this chapter. Within a reasonable time following receipt of such petition, the Administrator shall take action with respect to such petition and shall publish notice of such action in the Federal Register, together with the reasons therefor.

(b) Public participation

(1) Public participation in the development, revision, implementation, and enforcement of any regulation, guideline, information, or program under this chapter shall be provided for, encouraged, and assisted by the Administrator and the States. The Administrator, in cooperation with the States, shall develop and publish minimum guidelines for public participation in such processes.

(2) Before the issuing of a permit to any person with any respect to any facility for the treatment, storage, or disposal of hazardous wastes under section 6925 of this title, the Administrator shall—

(A) cause to be published in major local newspapers of general circulation and broadcast over local radio stations notice of the agency's intention to issue such permit, and

(B) transmit in writing notice of the agency's intention to issue such permit to each unit of local government having jurisdiction over the area in which such facility is proposed to be located and to each State agency having any authority under State law with respect to the construction or operation of such facility.

If within 45 days the Administrator receives written notice of opposition to the agency's intention to issue such permit and a request for a hearing, or if the Administrator determines on his own initiative, he shall hold an informal public hearing (including an opportunity for presentation of written and oral views) on whether he should issue a permit for the proposed facility. Whenever possible the Administrator shall schedule such hearing at a location convenient to the nearest population center to such proposed facility and give notice in the aforementioned manner of the date, time, and subject matter of such hearing. No State program which provides for the issuance of permits referred to in this paragraph may be authorized by the Administrator under section 6926 of this title unless such program provides for the notice and hearing required by the paragraph.

(Pub. L. 89-272, title II, §7004, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2826; amended Pub. L. 96-482, §26, Oct. 21, 1980, 94 Stat. 2348.)

AMENDMENTS

1980—Subsec. (b). Pub. L. 96-482 designated existing provisions as par. (1) and added par. (2).

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector,

Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6925 of this title.

§ 6975. Separability

If any provision of this chapter, or the application of any provision of this chapter to any person or circumstance, is held invalid, the application of such provision to other persons or circumstances, and the remainder of this chapter, shall not be affected thereby.

(Pub. L. 89-272, title II, §7005, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2827.)

§ 6976. Judicial review

(a) Review of final regulations and certain petitions

Any judicial review of final regulations promulgated pursuant to this chapter and the Administrator's denial of any petition for the promulgation, amendment, or repeal of any regulation under this chapter shall be in accordance with sections 701 through 706 of title 5, except that—

(1) a petition for review of action of the Administrator in promulgating any regulation, or requirement under this chapter or denying any petition for the promulgation, amendment or repeal of any regulation under this chapter may be filed only in the United States Court of Appeals for the District of Columbia, and such petition shall be filed within ninety days from the date of such promulgation or denial, or after such date if such petition for review is based solely on grounds arising after such ninetieth day; action of the Administrator with respect to which review could have been obtained under this subsection shall not be subject to judicial review in civil or criminal proceedings for enforcement; and

(2) in any judicial proceeding brought under this section in which review is sought of a determination under this chapter required to be made on the record after notice and opportunity for hearing, if a party seeking review under this chapter applies to the court for leave to adduce additional evidence, and shows to the satisfaction of the court that the information is material and that there were reasonable grounds for the failure to adduce such evidence in the proceeding before the Administrator, the court may order such additional evidence (and evidence in rebuttal thereof) to be taken before the Administrator, and to be adduced upon the hearing in such manner and upon such terms and conditions as the court may deem proper; the Administrator may modify his findings as to the facts, or make new findings, by reason of the additional evidence so taken, and he shall file with the court such modified or new findings and his recommendation, if any, for the modification or setting aside of his original order, with the return of such additional evidence.

(b) Review of certain actions under sections 6925 and 6926 of this title

Review of the Administrator's action (1) in issuing, denying, modifying, or revoking any permit under section 6925 of this title (or in modifying or revoking any permit which is deemed to have been issued under section 6935(d)(1)¹ of this title), or (2) in granting, denying, or withdrawing authorization or interim authorization under section 6926 of this title, may be had by any interested person in the Circuit Court of Appeals of the United States for the Federal judicial district in which such person resides or transacts such business upon application by such person. Any such application shall be made within ninety days from the date of such issuance, denial, modification, revocation, grant, or withdrawal, or after such date only if such application is based solely on grounds which arose after such ninetieth day. Action of the Administrator with respect to which review could have been obtained under this subsection shall not be subject to judicial review in civil or criminal proceedings for enforcement. Such review shall be in accordance with sections 701 through 706 of title 5.

(Pub. L. 89-272, title II, §7006, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2827; amended Pub. L. 96-482, §27, Oct. 21, 1980, 94 Stat. 2349; Pub. L. 98-616, title II, §241(b)(1), title IV, §403(d)(5), Nov. 8, 1984, 98 Stat. 3259, 3273.)

REFERENCES IN TEXT

Section 6935(d)(1) of this title, referred to in subsec. (b), was in the original a reference to section 3012(d)(1) of Pub. L. 89-272, which was renumbered section 3014(d)(1) of Pub. L. 89-272 by Pub. L. 98-616 and is classified to section 6935(d)(1) of this title.

AMENDMENTS

1984—Pub. L. 98-616 inserted “(or in modifying or revoking any permit which is deemed to have been issued under section 6935(d)(1) of this title)” and inserted “Action of the Administrator with respect to which review could have been obtained under this subsection shall not be subject to judicial review in civil or criminal proceedings for enforcement.”

1980—Pub. L. 96-482, §27(a), designated existing provisions as subsec. (a), in provision preceding par. (1), included judicial review of Administrator's denial of any petition for promulgation, amendment, or repeal of any regulation in par. (1), included review of Administrator's denial of any petition for promulgation, amendment, or repeal of any regulation, and substituted “District of Columbia, and” for “District of Columbia. Any”, “date of such promulgation or denial” for “date of such promulgation”, “petition for review is based” for “petition is based”, and “; action” for “. Action”, and in par. (2), substituted “proper; the” for “proper. The”, and added subsec. (b).

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6972 of this title.

¹ See References in Text note below.

§ 6977. Grants or contracts for training projects**(a) General authority**

The Administrator is authorized to make grants to, and contracts with any eligible organization. For purposes of this section the term “eligible organization” means a State or interstate agency, a municipality, educational institution, and any other organization which is capable of effectively carrying out a project which may be funded by grant under subsection (b) of this section.

(b) Purposes

(1) Subject to the provisions of paragraph (2), grants or contracts may be made to pay all or a part of the costs, as may be determined by the Administrator, of any project operated or to be operated by an eligible organization, which is designed—

(A) to develop, expand, or carry out a program (which may combine training, education, and employment) for training persons for occupations involving the management, supervision, design, operation, or maintenance of solid waste management and resource recovery equipment and facilities; or

(B) to train instructors and supervisory personnel to train or supervise persons in occupations involving the design, operation, and maintenance of solid waste management and resource recovery equipment and facilities.

(2) A grant or contract authorized by paragraph (1) of this subsection may be made only upon application to the Administrator at such time or times and containing such information as he may prescribe, except that no such application shall be approved unless it provides for the same procedures and reports (and access to such reports and to other records) as required by section 3254a(b)(4) and (5)¹ of this title (as in effect before October 21, 1976) with respect to applications made under such section (as in effect before October 21, 1976).

(c) Study

The Administrator shall make a complete investigation and study to determine—

(1) the need for additional trained State and local personnel to carry out plans assisted under this chapter and other solid waste and resource recovery programs;

(2) means of using existing training programs to train such personnel; and

(3) the extent and nature of obstacles to employment and occupational advancement in the solid waste management and resource recovery field which may limit either available manpower or the advancement of personnel in such field.

He shall report the results of such investigation and study, including his recommendations to the President and the Congress.

(Pub. L. 89-272, title II, §7007, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2827; amended Pub. L. 95-609, §7(r), Nov. 8, 1978, 92 Stat. 3083.)

REFERENCES IN TEXT

Section 3254a(b)(4) and (5) of this title, referred to in subsec. (b)(2), was in the original “section 207(b)(4) and

(5)”, meaning section 207(b)(4) and (5) of the Solid Waste Disposal Act, which was omitted in the general revision of the Solid Waste Disposal Act by Pub. L. 94-580 on Oct. 21, 1976.

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3254d of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

AMENDMENTS

1978—Subsec. (b)(1). Pub. L. 95-609, §7(r)(1), (2), substituted “management” for “disposal” in two places, and “resource” for “resources”.

Subsec. (c)(3). Pub. L. 95-609, §7(r)(3), substituted “management” for “disposal”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6978. Payments**(a) General rule**

Payments of grants under this chapter may be made (after necessary adjustment on account of previously made underpayments or overpayments) in advance or by way of reimbursement, and in such installments and on such conditions as the Administrator may determine.

(b) Prohibition

No grant may be made under this chapter to any private profitmaking organization.

(Pub. L. 89-272, title II, §7008, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2828.)

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3258 of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6979. Labor standards

No grant for a project of construction under this chapter shall be made unless the Administrator finds that the application contains or is supported by reasonable assurance that all laborers and mechanics employed by contractors or subcontractors on projects of the type covered by the Davis-Bacon Act, as amended (40 U.S.C. 276a—276a-5), will be paid wages at rates not less than those prevailing on similar work in the locality as determined by the Secretary of Labor in accordance with that Act; and the Secretary of Labor shall have with respect to the labor standards specified in this section the authority and functions set forth in Reorganization Plan Numbered 14 of 1950 (15 F.R. 3176) and section 276c of title 40.

¹ See References in Text note below.

(Pub. L. 89-272, title II, §7009, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2828; amended Pub. L. 96-482, §28, Oct. 21, 1980, 94 Stat. 2349.)

REFERENCES IN TEXT

The Davis-Bacon Act, as amended (40 U.S.C. 276a—276a-5), referred to in text, is act Mar. 3, 1931, ch. 411, 46 Stat. 1494, as amended, which is classified generally to sections 276a to 276a-5 of Title 40, Public Buildings, Property, and Works. For complete classification of this Act to the Code, see Short Title note set out under section 276a of Title 40 and Tables.

Reorganization Plan Numbered 14 of 1950, referred to in text, is set out in the Appendix to Title 5, Government Organization and Employees.

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3256 of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

AMENDMENTS

1980—Pub. L. 96-482 substituted “Administrator” for “Secretary”.

§ 6979a. Transferred

CODIFICATION

Section, Pub. L. 89-272, title II, §7010, as added Pub. L. 98-616, title IV, §405(a), Nov. 8, 1984, 98 Stat. 3273; Pub. L. 99-339, title II, §201(c)(1), June 19, 1986, 100 Stat. 654, relating to interim control of hazardous waste injection, was renumbered section 3020 of Pub. L. 89-272 by Pub. L. 99-339, title II, §201(c)(2), June 19, 1986, 100 Stat. 654, and transferred to section 6939b of this title.

§ 6979b. Law enforcement authority

The Attorney General of the United States shall, at the request of the Administrator and on the basis of a showing of need, deputize qualified employees of the Environmental Protection Agency to serve as special deputy United States marshals in criminal investigations with respect to violations of the criminal provisions of this chapter.

(Pub. L. 89-272, title II, §7010, formerly §7012, as added Pub. L. 98-616, title IV, §403(b)(1), Nov. 8, 1984, 98 Stat. 3272; renumbered §7010, Pub. L. 99-339, title II, §201(c)(2), June 19, 1986, 100 Stat. 654.)

PRIOR PROVISIONS

A prior section 7010 of Pub. L. 89-272, which was classified to section 6979a of this title, was renumbered section 3020 and transferred to section 6939b of this title.

SUBCHAPTER VIII—RESEARCH, DEVELOPMENT, DEMONSTRATION, AND INFORMATION

§ 6981. Research, demonstration, training, and other activities

(a) General authority

The Administrator, alone or after consultation with the Secretary of Energy, shall conduct, and encourage, cooperate with, and render financial and other assistance to appropriate public (whether Federal, State, interstate, or local) authorities, agencies, and institutions, private agencies and institutions, and individuals in the conduct of, and promote the coordi-

nation of, research, investigations, experiments, training, demonstrations, surveys, public education programs, and studies relating to—

(1) any adverse health and welfare effects of the release into the environment of material present in solid waste, and methods to eliminate such effects;

(2) the operation and financing of solid waste management programs;

(3) the planning, implementation, and operation of resource recovery and resource conservation systems and hazardous waste management systems, including the marketing of recovered resources;

(4) the production of usable forms of recovered resources, including fuel, from solid waste;

(5) the reduction of the amount of such waste and unsalvageable waste materials;

(6) the development and application of new and improved methods of collecting and disposing of solid waste and processing and recovering materials and energy from solid wastes;

(7) the identification of solid waste components and potential materials and energy recoverable from such waste components;

(8) small scale and low technology solid waste management systems, including but not limited to, resource recovery source separation systems;

(9) methods to improve the performance characteristics of resources recovered from solid waste and the relationship of such performance characteristics to available and potentially available markets for such resources;

(10) improvements in land disposal practices for solid waste (including sludge) which may reduce the adverse environmental effects of such disposal and other aspects of solid waste disposal on land, including means for reducing the harmful environmental effects of earlier and existing landfills, means for restoring areas damaged by such earlier or existing landfills, means for rendering landfills safe for purposes of construction and other uses, and techniques of recovering materials and energy from landfills;

(11) methods for the sound disposal of, or recovery of resources, including energy, from, sludge (including sludge from pollution control and treatment facilities, coal slurry pipelines, and other sources);

(12) methods of hazardous waste management, including methods of rendering such waste environmentally safe; and

(13) any adverse effects on air quality (particularly with regard to the emission of heavy metals) which result from solid waste which is burned (either alone or in conjunction with other substances) for purposes of treatment, disposal or energy recovery.

(b) Management program

(1)(A) In carrying out his functions pursuant to this chapter, and any other Federal legislation respecting solid waste or discarded material research, development, and demonstrations, the Administrator shall establish a management program or system to insure the coordination of all such activities and to facilitate and accelerate the process of development of sound new

technology (or other discoveries) from the research phase, through development, and into the demonstration phase.

(B) The Administrator shall (i) assist, on the basis of any research projects which are developed with assistance under this chapter or without Federal assistance, the construction of pilot plant facilities for the purpose of investigating or testing the technological feasibility of any promising new fuel, energy, or resource recovery or resource conservation method or technology; and (ii) demonstrate each such method and technology that appears justified by an evaluation at such pilot plant stage or at a pilot plant stage developed without Federal assistance. Each such demonstration shall incorporate new or innovative technical advances or shall apply such advances to different circumstances and conditions, for the purpose of evaluating design concepts or to test the performance, efficiency, and economic feasibility of a particular method or technology under actual operating conditions. Each such demonstration shall be so planned and designed that, if successful, it can be expanded or utilized directly as a full-scale operational fuel, energy, or resource recovery or resource conservation facility.

(2) Any energy-related research, development, or demonstration project for the conversion including bioconversion, of solid waste carried out by the Environmental Protection Agency or by the Secretary of Energy pursuant to this chapter or any other Act shall be administered in accordance with the May 7, 1976, Interagency Agreement between the Environmental Protection Agency and the Energy Research and Development Administration on the Development of Energy from Solid Wastes and specifically, that in accordance with this agreement, (A) for those energy-related projects of mutual interest, planning will be conducted jointly by the Environmental Protection Agency and the Secretary of Energy, following which project responsibility will be assigned to one agency; (B) energy-related portions of projects for recovery of synthetic fuels or other forms of energy from solid waste shall be the responsibility of the Secretary of Energy; (C) the Environmental Protection Agency shall retain responsibility for the environmental, economic, and institutional aspects of solid waste projects and for assurance that such projects are consistent with any applicable suggested guidelines published pursuant to section 6907 of this title, and any applicable State or regional solid waste management plan; and (D) any activities undertaken under provisions of sections 6982 and 6983 of this title as related to energy; as related to energy or synthetic fuels recovery from waste; or as related to energy conservation shall be accomplished through coordination and consultation with the Secretary of Energy.

(c) Authorities

(1) In carrying out subsection (a) of this section respecting solid waste research, studies, development, and demonstration, except as otherwise specifically provided in section 6984(d) of this title, the Administrator may make grants to or enter into contracts (including contracts for construction) with, public agencies and authorities or private persons.

(2) Contracts for research, development, or demonstrations or for both (including contracts for construction) shall be made in accordance with and subject to the limitations provided with respect to research contracts of the military departments in section 2353 of title 10, except that the determination, approval, and certification required thereby shall be made by the Administrator.

(3) Any invention made or conceived in the course of, or under, any contract under this chapter shall be subject to section 9 of the Federal Nonnuclear Energy Research and Development Act of 1974 [42 U.S.C. 5908] to the same extent and in the same manner as inventions made or conceived in the course of contracts under such Act [42 U.S.C. 5901 et seq.], except that in applying such section, the Environmental Protection Agency shall be substituted for the Secretary of Energy and the words "solid waste" shall be substituted for the word "energy" where appropriate.

(4) For carrying out the purpose of this chapter the Administrator may detail personnel of the Environmental Protection Agency to agencies eligible for assistance under this section.

(Pub. L. 89-272, title II, §8001, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2829; amended Pub. L. 95-91, title III, §301, title VII, §§703, 707, Aug. 4, 1977, 91 Stat. 577, 606, 607; Pub. L. 95-609, §7(s), Nov. 8, 1978, 92 Stat. 3083.)

REFERENCES IN TEXT

Such Act, referred to in subsec. (c)(3), means the Federal Nonnuclear Energy Research and Development Act of 1974, Pub. L. 93-577, Dec. 31, 1974, 88 Stat. 1878, as amended, which is classified generally to chapter 74 (§5901 et seq.) of this title. For complete classification of this Act to the Code, see Short Title note set out under section 5901 of this title and Tables.

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3253 of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

AMENDMENTS

1978—Subsec. (a)(2). Pub. L. 95-609, §7(s)(1), substituted "management" for "disposal".

Subsec. (a)(13). Pub. L. 95-609, §7(s)(2), inserted "treatment," after "for purpose of".

TRANSFER OF FUNCTIONS

"Secretary of Energy" was substituted for "Administrator of the Federal Energy Administration, the Administrator of the Energy Research and Development Administration, or the Chairman of the Federal Power Commission" in subsec. (a), and for "Energy Research and Development Administration" in subssecs. (b)(2) and (c)(3), in view of the termination of the Federal Energy Administration, the Energy Research and Development Administration, and the Federal Power Commission and the transfer of their functions and the functions of the Administrators and Chairman thereof (with certain exceptions) to the Secretary of Energy pursuant to sections 301, 703, and 707 of Pub. L. 95-91, which are classified to sections 7151, 7293, and 7297 of this title.

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to

Secretary of Energy, see note set out under section 6903 of this title.

EPA STUDY OF METHODS TO REDUCE PLASTIC POLLUTION

Pub. L. 100-220, title II, §2202, Dec. 29, 1987, 101 Stat. 1465, directed Administrator of Environmental Protection Agency, in consultation with Secretary of Commerce, to conduct a study of the adverse effects of improper disposal of plastic articles on environment and on waste disposal, and various methods to reduce or eliminate such adverse effects, and directed Administrator, within 18 months after Dec. 29, 1987, to report results of this study to Congress.

PLASTIC POLLUTION PUBLIC EDUCATION PROGRAM

Pub. L. 100-220, title II, §2204, Dec. 29, 1987, 101 Stat. 1466, directed Administrator of National Oceanic and Atmospheric Administration and Administrator of Environmental Protection Agency, in consultation with Secretary of Transportation, to jointly commence and conduct for a period of at least 3 years a public outreach program to educate the public, including recreational boaters, fishermen, and other users of the marine environment regarding the harmful effects of plastic pollution, the need to reduce such pollution, the need to recycle plastic materials, and reduce the quantity of plastic debris in the marine environment.

NATIONAL ADVISORY COMMISSION ON RESOURCE CONSERVATION AND RECOVERY

Pub. L. 96-482, §33, Oct. 21, 1980, 94 Stat. 2356, provided for establishment, membership, functions, etc., of a National Advisory Commission on Resource Conservation and Recovery, directed Commission to submit an interim report for legislative and administrative actions relating to this chapter on Feb. 15, 1982, and upon expiration of the two-year period beginning on the date when all initial members of the Commission have been appointed or the date initial funds become available, whichever is later, to transmit a final report to President and Congress containing a detailed statement of the findings and conclusions of the Commission, and terminated the Commission 30 days after submission of its final report.

SOLID WASTE CLEANUP ON FEDERAL LANDS IN ALASKA; STUDY AND REPORT TO CONGRESSIONAL COMMITTEES

Section 3 of Pub. L. 94-580 provided for a study of procedures for removal of solid waste from Federal lands in Alaska and submission of a Presidential Report to the Senate Committee on Public Lands and House Committee on Interstate and Foreign Commerce no later than one year after Oct. 21, 1976, and implementing recommendations to such committees within six months thereafter, prior to repeal by Pub. L. 96-482, §30, Oct. 21, 1980, 94 Stat. 2352.

LEACHATE CONTROL RESEARCH PROGRAM IN DELAWARE

Section 4 of Pub. L. 94-580 directed Administrator of Environmental Protection Agency, in order to demonstrate effective means of dealing with contamination of public water supplies by leachate from abandoned or other landfills, to provide technical and financial assistance for a research program, designed by New Castle County areawide waste treatment management program, to control leachate from Llangollen Landfill in New Castle County, Delaware, and provided up to \$250,000 in each of the fiscal years 1978 and 1979 for the operating costs of a counter-pumping program to contain the leachate from the Llangollen Landfill during the period of this study.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6984, 6985 of this title; title 35 section 210.

§ 6982. Special studies; plans for research, development, and demonstrations

(a) Glass and plastic

The Administrator shall undertake a study and publish a report on resource recovery from glass and plastic waste, including a scientific, technological, and economic investigation of potential solutions to implement such recovery.

(b) Composition of waste stream

The Administrator shall undertake a systematic study of the composition of the solid waste stream and of anticipated future changes in the composition of such stream and shall publish a report containing the results of such study and quantitatively evaluating the potential utility of such components.

(c) Priorities study

For purposes of determining priorities for research on recovery of materials and energy from solid waste and developing materials and energy recovery research, development, and demonstration strategies, the Administrator shall review, and make a study of, the various existing and promising techniques of energy recovery from solid waste (including, but not limited to, water-wall furnace incinerators, dry shredded fuel systems, pyrolysis, densified refuse-derived fuel systems, anaerobic digestion, and fuel and feedstock preparation systems). In carrying out such study the Administrator shall investigate with respect to each such technique—

(1) the degree of public need for the potential results of such research, development, or demonstration,

(2) the potential for research, development, and demonstration without Federal action, including the degree of restraint on such potential posed by the risks involved, and

(3) the magnitude of effort and period of time necessary to develop the technology to the point where Federal assistance can be ended.

(d) Small-scale and low technology study

The Administrator shall undertake a comprehensive study and analysis of, and publish a report on, systems of small-scale and low technology solid waste management, including household resource recovery and resource recovery systems which have special application to multiple dwelling units and high density housing and office complexes. Such study and analysis shall include an investigation of the degree to which such systems could contribute to energy conservation.

(e) Front-end source separation

The Administrator shall undertake research and studies concerning the compatibility of front-end source separation systems with high technology resource recovery systems and shall publish a report containing the results of such research and studies.

(f) Mining waste

The Administrator, in consultation with the Secretary of the Interior, shall conduct a detailed and comprehensive study on the adverse effects of solid wastes from active and abandoned surface and underground mines on the en-

vironment, including, but not limited to, the effects of such wastes on humans, water, air, health, welfare, and natural resources, and on the adequacy of means and measures currently employed by the mining industry, Government agencies, and others to dispose of and utilize such solid wastes and to prevent or substantially mitigate such adverse effects. Such study shall include an analysis of—

- (1) the sources and volume of discarded material generated per year from mining;
- (2) present disposal practices;
- (3) potential dangers to human health and the environment from surface runoff of leachate and air pollution by dust;
- (4) alternatives to current disposal methods;
- (5) the cost of those alternatives in terms of the impact on mine product costs; and
- (6) potential for use of discarded material as a secondary source of the mine product.

In furtherance of this study, the Administrator shall, as he deems appropriate, review studies and other actions of other Federal agencies concerning such wastes with a view toward avoiding duplication of effort and the need to expedite such study. Not later than thirty-six months after October 21, 1980, the Administrator shall publish a report of such study and shall include appropriate findings and recommendations for Federal and non-Federal actions concerning such effects. Such report shall be submitted to the Committee on Environment and Public Works of the United States Senate and the Committee on Energy and Commerce of the United States House of Representatives.

(g) Sludge

The Administrator shall undertake a comprehensive study and publish a report on sludge. Such study shall include an analysis of—

- (1) what types of solid waste (including but not limited to sewage and pollution treatment residues and other residues from industrial operations such as extraction of oil from shale, liquefaction and gasification of coal and coal slurry pipeline operations) shall be classified as sludge;
- (2) the effects of air and water pollution legislation on the creation of large volumes of sludge;
- (3) the amounts of sludge originating in each State and in each industry producing sludge;
- (4) methods of disposal of such sludge, including the cost, efficiency, and effectiveness of such methods;
- (5) alternative methods for the use of sludge, including agricultural applications of sludge and energy recovery from sludge; and
- (6) methods to reclaim areas which have been used for the disposal of sludge or which have been damaged by sludge.

(h) Tires

The Administrator shall undertake a study and publish a report respecting discarded motor vehicle tires which shall include an analysis of the problems involved in the collection, recovery of resources including energy, and use of such tires.

(i) Resource recovery facilities

The Administrator shall conduct research and report on the economics of, and impediments, to

the effective functioning of resource recovery facilities.

(j) Resource Conservation Committee

(1) The Administrator shall serve as Chairman of a Committee composed of himself, the Secretary of Commerce, the Secretary of Labor, the Chairman of the Council on Environmental Quality, the Secretary of Treasury, the Secretary of the Interior, the Secretary of Energy, the Chairman of the Council of Economic Advisors, and a representative of the Office of Management and Budget, which shall conduct a full and complete investigation and study of all aspects of the economic, social, and environmental consequences of resource conservation with respect to—

(A) the appropriateness of recommended incentives and disincentives to foster resource conservation;

(B) the effect of existing public policies (including subsidies and economic incentives and disincentives, percentage depletion allowances, capital gains treatment and other tax incentives and disincentives) upon resource conservation, and the likely effect of the modification or elimination of such incentives and disincentives upon resource conservation;

(C) the appropriateness and feasibility of restricting the manufacture or use of categories of consumer products as a resource conservation strategy;

(D) the appropriateness and feasibility of employing as a resource conservation strategy the imposition of solid waste management charges on consumer products, which charges would reflect the costs of solid waste management services, litter pickup, the value of recoverable components of such product, final disposal, and any social value associated with the nonrecycling or uncontrolled disposal of such product; and

(E) the need for further research, development, and demonstration in the area of resource conservation.

(2) The study required in paragraph (1)(D) may include pilot scale projects, and shall consider and evaluate alternative strategies with respect to—

(A) the product categories on which such charges would be imposed;

(B) the appropriate state in the production of such consumer product at which to levy such charge;

(C) appropriate criteria for establishing such charges for each consumer product category;

(D) methods for the adjustment of such charges to reflect actions such as recycling which would reduce the overall quantities of solid waste requiring disposal; and

(E) procedures for amending, modifying, or revising such charges to reflect changing conditions.

(3) The design for the study required in paragraph (1) of this subsection shall include timetables for the completion of the study. A preliminary report putting forth the study design shall be sent to the President and the Congress within six months following October 21, 1976, and followup reports shall be sent six months there-

after. Each recommendation resulting from the study shall include at least two alternatives to the proposed recommendation.

(4) The results of such investigation and study, including recommendations, shall be reported to the President and the Congress not later than two years after October 21, 1976.

(5) There are authorized to be appropriated not to exceed \$2,000,000 to carry out this subsection.

(k) Airport landfills

The Administrator shall undertake a comprehensive study and analysis of and publish a report on systems to alleviate the hazards to aviation from birds congregating and feeding on landfills in the vicinity of airports.

(l) Completion of research and studies

The Administrator shall complete the research and studies, and submit the reports, required under subsections (b), (c), (d), (e), (f), (g), and (k) of this section not later than October 1, 1978. The Administrator shall complete the research and studies, and submit the reports, required under subsections (a), (h), and (i) of this section not later than October 1, 1979. Upon completion, each study specified in subsections (a) through (k) of this section, the Administrator shall prepare a plan for research, development, and demonstration respecting the findings of the study and shall submit any legislative recommendations resulting from such study to appropriate committees of Congress.

(m) Drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil or natural gas or geothermal energy

(1) The Administrator shall conduct a detailed and comprehensive study and submit a report on the adverse effects, if any, of drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil or natural gas or geothermal energy on human health and the environment, including, but not limited to, the effects of such wastes on humans, water, air, health, welfare, and natural resources and on the adequacy of means and measures currently employed by the oil and gas and geothermal drilling and production industry, Government agencies, and others to dispose of and utilize such wastes and to prevent or substantially mitigate such adverse effects. Such study shall include an analysis of—

(A) the sources and volume of discarded material generated per year from such wastes;

(B) present disposal practices;

(C) potential danger to human health and the environment from the surface runoff or leachate;

(D) documented cases which prove or have caused danger to human health and the environment from surface runoff or leachate;

(E) alternatives to current disposal methods;

(F) the cost of such alternatives; and

(G) the impact of those alternatives on the exploration for, and development and production of, crude oil and natural gas or geothermal energy.

In furtherance of this study, the Administrator shall, as he deems appropriate, review studies and other actions of other Federal agencies con-

cerning such wastes with a view toward avoiding duplication of effort and the need to expedite such study. The Administrator shall publish a report of such study and shall include appropriate findings and recommendations for Federal and non-Federal actions concerning such effects.

(2) The Administrator shall complete the research and study and submit the report required under paragraph (1) not later than twenty-four months from October 21, 1980. Upon completion of the study, the Administrator shall prepare a summary of the findings of the study, a plan for research, development, and demonstration respecting the findings of the study, and shall submit the findings and the study, along with any recommendations resulting from such study, to the Committee on Environment and Public Works of the United States Senate and the Committee on Energy and Commerce of the United States House of Representatives.

(3) There are authorized to be appropriated not to exceed \$1,000,000 to carry out the provisions of this subsection.

(n) Materials generated from the combustion of coal and other fossil fuels

The Administrator shall conduct a detailed and comprehensive study and submit a report on the adverse effects on human health and the environment, if any, of the disposal and utilization of fly ash waste, bottom ash waste, slag waste, flue gas emission control waste, and other by-product materials generated primarily from the combustion of coal or other fossil fuels. Such study shall include an analysis of—

(1) the source and volumes of such material generated per year;

(2) present disposal and utilization practices;

(3) potential danger, if any, to human health and the environment from the disposal and reuse of such materials;

(4) documented cases in which danger to human health or the environment from surface runoff or leachate has been proved;

(5) alternatives to current disposal methods;

(6) the costs of such alternatives;

(7) the impact of those alternatives on the use of coal and other natural resources; and

(8) the current and potential utilization of such materials.

In furtherance of this study, the Administrator shall, as he deems appropriate, review studies and other actions of other Federal and State agencies concerning such material and invite participation by other concerned parties, including industry and other Federal and State agencies, with a view toward avoiding duplication of effort. The Administrator shall publish a report on such study, which shall include appropriate findings, not later than twenty-four months after October 21, 1980. Such study and findings shall be submitted to the Committee on Environment and Public Works of the United States Senate and the Committee on Energy and Commerce of the United States House of Representatives.

(o) Cement kiln dust waste

The Administrator shall conduct a detailed and comprehensive study of the adverse effects

on human health and the environment, if any, of the disposal of cement kiln dust waste. Such study shall include an analysis of—

- (1) the source and volumes of such materials generated per year;
- (2) present disposal practices;
- (3) potential danger, if any, to human health and the environment from the disposal of such materials;
- (4) documented cases in which danger to human health or the environment has been proved;
- (5) alternatives to current disposal methods;
- (6) the costs of such alternatives;
- (7) the impact of those alternatives on the use of natural resources; and
- (8) the current and potential utilization of such materials.

In furtherance of this study, the Administrator shall, as he deems appropriate, review studies and other actions of other Federal and State agencies concerning such waste or materials and invite participation by other concerned parties, including industry and other Federal and State agencies, with a view toward avoiding duplication of effort. The Administrator shall publish a report of such study, which shall include appropriate findings, not later than thirty-six months after October 21, 1980. Such report shall be submitted to the Committee on Environment and Public Works of the United States Senate and the Committee on Energy and Commerce of the United States House of Representatives.

(p) Materials generated from extraction, beneficiation, and processing of ores and minerals, including phosphate rock and overburden from uranium mining

The Administrator shall conduct a detailed and comprehensive study on the adverse effects on human health and the environment, if any, of the disposal and utilization of solid waste from the extraction, beneficiation, and processing of ores and minerals, including phosphate rock and overburden from uranium mining. Such study shall be conducted in conjunction with the study of mining wastes required by subsection (f) of this section and shall include an analysis of—

- (1) the source and volumes of such materials generated per year;
- (2) present disposal and utilization practices;
- (3) potential danger, if any, to human health and the environment from the disposal and reuse of such materials;
- (4) documented cases in which danger to human health or the environment has been proved;
- (5) alternatives to current disposal methods;
- (6) the costs of such alternatives;
- (7) the impact of those alternatives on the use of phosphate rock and uranium ore, and other natural resources; and
- (8) the current and potential utilization of such materials.

In furtherance of this study, the Administrator shall, as he deems appropriate, review studies and other actions of other Federal and State agencies concerning such waste or materials and invite participation by other concerned parties,

including industry and other Federal and State agencies, with a view toward avoiding duplication of effort. The Administrator shall publish a report of such study, which shall include appropriate findings, in conjunction with the publication of the report of the study of mining wastes required to be conducted under subsection (f) of this section. Such report and findings shall be submitted to the Committee on Environment and Public Works of the United States Senate and the Committee on Energy and Commerce of the United States House of Representatives.

(q) Authorization of appropriations

There are authorized to be appropriated not to exceed \$8,000,000 for the fiscal years 1978 and 1979 to carry out this section other than subsection (j) of this section.

(r) Minimization of hazardous waste

The Administrator shall compile, and not later than October 1, 1986, submit to the Congress, a report on the feasibility and desirability of establishing standards of performance or of taking other additional actions under this chapter to require the generators of hazardous waste to reduce the volume or quantity and toxicity of the hazardous waste they generate, and of establishing with respect to hazardous wastes required management practices or other requirements to assure such wastes are managed in ways that minimize present and future risks to human health and the environment. Such report shall include any recommendations for legislative changes which the Administrator determines are feasible and desirable to implement the national policy established by section 6902 of this title.

(s) Extending landfill life and reusing landfilled areas

The Administrator shall conduct detailed, comprehensive studies of methods to extend the useful life of sanitary landfills and to better use sites in which filled or closed landfills are located. Such studies shall address—

- (1) methods to reduce the volume of materials before placement in landfills;
- (2) more efficient systems for depositing waste in landfills;
- (3) methods to enhance the rate of decomposition of solid waste in landfills, in a safe and environmentally acceptable manner;
- (4) methane production from closed landfill units;
- (5) innovative uses of closed landfill sites, including use for energy production such as solar or wind energy and use for metals recovery;
- (6) potential for use of sewage treatment sludge in reclaiming landfilled areas; and
- (7) methods to coordinate use of a landfill owned by one municipality by nearby municipalities, and to establish equitable rates for such use, taking into account the need to provide future landfill capacity to replace that so used.

The Administrator is authorized to conduct demonstrations in the areas of study provided in this subsection. The Administrator shall periodically report on the results of such studies, with the first such report not later than October

1, 1986. In carrying out this subsection, the Administrator need not duplicate other studies which have been completed and may rely upon information which has previously been compiled.

(Pub. L. 89-272, title II, §8002, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2831; amended Pub. L. 95-609, §7(t), Nov. 8, 1978, 92 Stat. 3083; H. Res. 549, Mar. 25, 1980; Pub. L. 96-482, §29, Oct. 21, 1980, 94 Stat. 2349; Pub. L. 98-616, title II, §224(c), title VII, §702, Nov. 8, 1984, 98 Stat. 3253, 3289.)

AMENDMENTS

1984—Subsec. (r). Pub. L. 98-616, §224(c), added subsec. (r).

Subsec. (s). Pub. L. 98-616, §702, added subsec. (s).

1980—Subsec. (f). Pub. L. 96-482, §29(1), required publication of report no later than thirty-six months after Oct. 21, 1980, and its submission to Senate Committee on Environment and Public Works and House Committee on Energy and Commerce.

Subsecs. (m) to (q). Pub. L. 96-482, §29(2), added subsecs. (m) to (p) and redesignated former subsec. (m) as (q).

1978—Subsec. (g)(1). Pub. L. 95-609, §7(t)(1), substituted "shale, liquefaction" for "shale liquefaction".

Subsec. (j)(1). Pub. L. 95-609, §7(t)(2), enacted a provision adding the Secretary of Energy and the Chairman of the Council of Economic Advisors to the Committee.

Subsec. (j)(2). Pub. L. 95-609, §7(t)(3), substituted "paragraph (1)(D)" for "paragraph (2)(D)".

Subsec. (j)(3). Pub. L. 95-609, §7(t)(4), substituted "paragraph (1)" for "paragraph (2)(D)".

Subsec. (l). Pub. L. 95-609, §7(t)(5), struck out requirement of submission of reports under subsec. (j) of this section.

CHANGE OF NAME

Committee on Interstate and Foreign Commerce of the House of Representatives changed to Committee on Energy and Commerce immediately prior to noon on Jan. 3, 1981, by House Resolution No. 549, Ninety-sixth Congress, Mar. 25, 1980. Committee on Energy and Commerce of House of Representatives treated as referring to Committee on Commerce of House of Representatives by section 1(a) of Pub. L. 104-14, set out as a note preceding section 21 of Title 2, The Congress.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6921, 6981, 6987, 7412 of this title.

§ 6983. Coordination, collection, and dissemination of information

(a) Information

The Administrator shall develop, collect, evaluate, and coordinate information on—

- (1) methods and costs of the collection of solid waste;
- (2) solid waste management practices, including data on the different management methods and the cost, operation, and maintenance of such methods;
- (3) the amounts and percentages of resources (including energy) that can be recovered from

solid waste by use of various solid waste management practices and various technologies;

(4) methods available to reduce the amount of solid waste that is generated;

(5) existing and developing technologies for the recovery of energy or materials from solid waste and the costs, reliability, and risks associated with such technologies;

(6) hazardous solid waste, including incidents of damage resulting from the disposal of hazardous solid wastes; inherently and potentially hazardous solid wastes; methods of neutralizing or properly disposing of hazardous solid wastes; facilities that properly dispose of hazardous wastes;

(7) methods of financing resource recovery facilities or, sanitary landfills, or hazardous solid waste treatment facilities, whichever is appropriate for the entity developing such facility or landfill (taking into account the amount of solid waste reasonably expected to be available to such entity);

(8) the availability of markets for the purchase of resources, either materials or energy, recovered from solid waste; and

(9) research and development projects respecting solid waste management.

(b) Library

(1) The Administrator shall establish and maintain a central reference library for (A) the materials collected pursuant to subsection (a) of this section and (B) the actual performance and cost effectiveness records and other data and information with respect to—

(i) the various methods of energy and resource recovery from solid waste,

(ii) the various systems and means of resource conservation,

(iii) the various systems and technologies for collection, transport, storage, treatment, and final disposition of solid waste, and

(iv) other aspects of solid waste and hazardous solid waste management.

Such central reference library shall also contain, but not be limited to, the model codes and model accounting systems developed under this section, the information collected under subsection (d) of this section, and, subject to any applicable requirements of confidentiality, information respecting any aspect of solid waste provided by officers and employees of the Environmental Protection Agency which has been acquired by them in the conduct of their functions under this chapter and which may be of value to Federal, State, and local authorities and other persons.

(2) Information in the central reference library shall, to the extent practicable, be collated, analyzed, verified, and published and shall be made available to State and local governments and other persons at reasonable times and subject to such reasonable charges as may be necessary to defray expenses of making such information available.

(c) Model accounting system

In order to assist State and local governments in determining the cost and revenues associated with the collection and disposal of solid waste and with resource recovery operations, the Ad-

ministrator shall develop and publish a recommended model cost and revenue accounting system applicable to the solid waste management functions of State and local governments. Such system shall be in accordance with generally accepted accounting principles. The Administrator shall periodically, but not less frequently than once every five years, review such accounting system and revise it as necessary.

(d) Model codes

The Administrator is authorized, in cooperation with appropriate State and local agencies, to recommend model codes, ordinances, and statutes, providing for sound solid waste management.

(e) Information programs

(1) The Administrator shall implement a program for the rapid dissemination of information on solid waste management, hazardous waste management, resource conservation, and methods of resource recovery from solid waste, including the results of any relevant research, investigations, experiments, surveys, studies, or other information which may be useful in the implementation of new or improved solid waste management practices and methods and information on any other technical, managerial, financial, or market aspect of resource conservation and recovery facilities.

(2) The Administrator shall develop and implement educational programs to promote citizen understanding of the need for environmentally sound solid waste management practices.

(f) Coordination

In collecting and disseminating information under this section, the Administrator shall coordinate his actions and cooperate to the maximum extent possible with State and local authorities.

(g) Special restriction

Upon request, the full range of alternative technologies, programs or processes deemed feasible to meet the resource recovery or resource conservation needs of a jurisdiction shall be described in such a manner as to provide a sufficient evaluative basis from which the jurisdiction can make its decisions, but no officer or employee of the Environmental Protection Agency shall, in an official capacity, lobby for or otherwise represent an agency position in favor of resource recovery or resource conservation, as a policy alternative for adoption into ordinances, codes, regulations, or law by any State or political subdivision thereof.

(Pub. L. 89-272, title II, §8003, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2834; amended Pub. L. 95-609, §7(u), Nov. 8, 1978, 92 Stat. 3083.)

AMENDMENTS

1978—Subsec. (a)(3). Pub. L. 95-609 substituted “solid waste” for “discarded materials”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6981 of this title.

§ 6984. Full-scale demonstration facilities

(a) Authority

The Administrator may enter into contracts with public agencies or authorities or private persons for the construction and operation of a full-scale demonstration facility under this chapter, or provide financial assistance in the form of grants to a full-scale demonstration facility under this chapter only if the Administrator finds that—

(1) such facility or proposed facility will demonstrate at full scale a new or significantly improved technology or process, a practical and significant improvement in solid waste management practice, or the technological feasibility and cost effectiveness of an existing, but unproven technology, process, or practice, and will not duplicate any other Federal, State, local, or commercial facility which has been constructed or with respect to which construction has begun (determined as of the date action is taken by the Administrator under this chapter),

(2) such contract or assistance meets the requirements of section 6981 of this title and meets other applicable requirements of this chapter,

(3) such facility will be able to comply with the guidelines published under section 6907 of this title and with other laws and regulations for the protection of health and the environment,

(4) in the case of a contract for construction or operation, such facility is not likely to be constructed or operated by State, local, or private persons or in the case of an application for financial assistance, such facility is not likely to receive adequate financial assistance from other sources, and

(5) any Federal interest in, or assistance to, such facility will be disposed of or terminated, with appropriate compensation, within such period of time as may be necessary to carry out the basic objectives of this chapter.

(b) Time limitation

No obligation may be made by the Administrator for financial assistance under this subchapter for any full-scale demonstration facility after the date ten years after October 21, 1976. No expenditure of funds for any such full-scale demonstration facility under this subchapter may be made by the Administrator after the date fourteen years after October 21, 1976.

(c) Cost sharing

(1) Wherever practicable, in constructing, operating, or providing financial assistance under this subchapter to a full-scale demonstration facility, the Administrator shall endeavor to enter into agreements and make other arrangements for maximum practicable cost sharing with other Federal, State, and local agencies, private persons, or any combination thereof.

(2) The Administrator shall enter into arrangements, wherever practicable and desirable, to provide monitoring of full-scale solid waste facilities (whether or not constructed or oper-

ated under this chapter) for purposes of obtaining information concerning the performance, and other aspects, of such facilities. Where the Administrator provides only monitoring and evaluation instruments or personnel (or both) or funds for such instruments or personnel and provides no other financial assistance to a facility, notwithstanding section 6981(c)(3) of this title, title to any invention made or conceived of in the course of developing, constructing, or operating such facility shall not be required to vest in the United States and patents respecting such invention shall not be required to be issued to the United States.

(d) Prohibition

After October 21, 1976, the Administrator shall not construct or operate any full-scale facility (except by contract with public agencies or authorities or private persons).

(Pub. L. 89-272, title II, §8004, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2836; amended Pub. L. 95-609, §7(v), Nov. 8, 1978, 92 Stat. 3084; Pub. L. 98-616, title V, §502(f), Nov. 8, 1984, 98 Stat. 3276.)

AMENDMENTS

1984—Subsec. (c)(1). Pub. L. 98-616 inserted “(1)” before “Wherever”.

1978—Subsec. (a)(1). Pub. L. 95-609 substituted “solid waste” for “discarded material”.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 5920, 6981 of this title.

§ 6985. Special study and demonstration projects on recovery of useful energy and materials

(a) Studies

The Administrator shall conduct studies and develop recommendations for administrative or legislative action on—

(1) means of recovering materials and energy from solid waste, recommended uses of such materials and energy for national or international welfare, including identification of potential markets for such recovered resources, the impact of distribution of such resources on existing markets, and potentials for energy conservation through resource conservation and resource recovery;

(2) actions to reduce waste generation which have been taken voluntarily or in response to governmental action, and those which practically could be taken in the future, and the economic, social, and environmental consequences of such actions;

(3) methods of collection, separation, and containerization which will encourage efficient utilization of facilities and contribute to more effective programs of reduction, reuse, or disposal of wastes;

(4) the use of Federal procurement to develop market demand for recovered resources;

(5) recommended incentives (including Federal grants, loans, and other assistance) and disincentives to accelerate the reclamation or recycling of materials from solid wastes, with special emphasis on motor vehicle hulks;

(6) the effect of existing public policies, including subsidies and economic incentives and disincentives, percentage depletion allowances, capital gains treatment and other tax incentives and disincentives, upon the recycling and reuse of materials, and the likely effect of the modification or elimination of such incentives and disincentives upon the reuse, recycling and conservation of such materials;

(7) the necessity and method of imposing disposal or other charges on packaging, containers, vehicles, and other manufactured goods, which charges would reflect the cost of final disposal, the value of recoverable components of the item, and any social costs associated with nonrecycling or uncontrolled disposal of such items; and

(8) the legal constraints and institutional barriers to the acquisition of land needed for solid waste management, including land for facilities and disposal sites;

(9) in consultation with the Secretary of Agriculture, agricultural waste management problems and practices, the extent of reuse and recovery of resources in such wastes, the prospects for improvement, Federal, State, and local regulations governing such practices, and the economic, social, and environmental consequences of such practices; and

(10) in consultation with the Secretary of the Interior, mining waste management problems, and practices, including an assessment of existing authorities, technologies, and economics, and the environmental and public health consequences of such practices.

(b) Demonstration

The Administrator is also authorized to carry out demonstration projects to test and demonstrate methods and techniques developed pursuant to subsection (a) of this section.

(c) Application of other sections

Section 6981(b) and (c) of this title shall be applicable to investigations, studies, and projects carried out under this section.

(Pub. L. 89-272, title II, §8005, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2837.)

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3253a of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6986. Grants for resource recovery systems and improved solid waste disposal facilities

(a) Authority

The Administrator is authorized to make grants pursuant to this section to any State,

municipal, or interstate or intermunicipal agency for the demonstration of resource recovery systems or for the construction of new or improved solid waste disposal facilities.

(b) Conditions

(1) Any grant under this section for the demonstration of a resource recovery system may be made only if it (A) is consistent with any plans which meet the requirements of subchapter IV of this chapter; (B) is consistent with the guidelines recommended pursuant to section 6907 of this title; (C) is designed to provide area-wide resource recovery systems consistent with the purposes of this chapter, as determined by the Administrator, pursuant to regulations promulgated under subsection (d) of this section; and (D) provides an equitable system for distributing the costs associated with construction, operation, and maintenance of any resource recovery system among the users of such system.

(2) The Federal share for any project to which paragraph (1) applies shall not be more than 75 percent.

(c) Limitations

(1) A grant under this section for the construction of a new or improved solid waste disposal facility may be made only if—

(A) a State or interstate plan for solid waste disposal has been adopted which applies to the area involved, and the facility to be constructed (i) is consistent with such plan, (ii) is included in a comprehensive plan for the area involved which is satisfactory to the Administrator for the purposes of this chapter, and (iii) is consistent with the guidelines recommended under section 6907 of this title, and

(B) the project advances the state of the art by applying new and improved techniques in reducing the environmental impact of solid waste disposal, in achieving recovery of energy or resources, or in recycling useful materials.

(2) The Federal share for any project to which paragraph (1) applies shall be not more than 50 percent in the case of a project serving an area which includes only one municipality, and not more than 75 percent in any other case.

(d) Regulations

(1) The Administrator shall promulgate regulations establishing a procedure for awarding grants under this section which—

(A) provides that projects will be carried out in communities of varying sizes, under such conditions as will assist in solving the community waste problems of urban-industrial centers, metropolitan regions, and rural areas, under representative geographic and environmental conditions; and

(B) provides deadlines for submission of, and action on, grant requests.

(2) In taking action on applications for grants under this section, consideration shall be given by the Administrator (A) to the public benefits to be derived by the construction and the propriety of Federal aid in making such grant; (B) to the extent applicable, to the economic and commercial viability of the project (including contractual arrangements with the private sector

to market any resources recovered); (C) to the potential of such project for general application to community solid waste disposal problems; and (D) to the use by the applicant of comprehensive regional or metropolitan area planning.

(e) Additional limitations

A grant under this section—

(1) may be made only in the amount of the Federal share of (A) the estimated total design and construction costs, plus (B) in the case of a grant to which subsection (b)(1) of this section applies, the first-year operation and maintenance costs;

(2) may not be provided for land acquisition or (except as otherwise provided in paragraph (1)(B)) for operating or maintenance costs;

(3) may not be made until the applicant has made provision satisfactory to the Administrator for proper and efficient operation and maintenance of the project (subject to paragraph (1)(B)); and

(4) may be made subject to such conditions and requirements, in addition to those provided in this section, as the Administrator may require to properly carry out his functions pursuant to this chapter.

For purposes of paragraph (1), the non-Federal share may be in any form, including, but not limited to, lands or interests therein needed for the project or personal property or services, the value of which shall be determined by the Administrator.

(f) Single State

(1) Not more than 15 percent of the total of funds authorized to be appropriated for any fiscal year to carry out this section shall be granted under this section for projects in any one State.

(2) The Administrator shall prescribe by regulation the manner in which this subsection shall apply to a grant under this section for a project in an area which includes all or part of more than one State.

(Pub. L. 89-272, title II, §8006, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2838.)

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3254b of this title, prior to the general amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

TRANSFER OF FUNCTIONS

For transfer of certain enforcement functions of Administrator or other official of Environmental Protection Agency under this chapter to Federal Inspector, Office of Federal Inspector for the Alaska Natural Gas Transportation System, and subsequent transfer to Secretary of Energy, see note set out under section 6903 of this title.

§ 6987. Authorization of appropriations

There are authorized to be appropriated not to exceed \$35,000,000 for the fiscal year 1978 to carry out the purposes of this subchapter (except for section 6982 of this title).

(Pub. L. 89-272, title II, §8007, as added Pub. L. 94-580, §2, Oct. 21, 1976, 90 Stat. 2839.)

PRIOR PROVISIONS

Provisions similar to those in this section were contained in section 3259 of this title, prior to the general

amendment of the Solid Waste Disposal Act by Pub. L. 94-580.

SUBCHAPTER IX—REGULATION OF UNDERGROUND STORAGE TANKS

SUBCHAPTER REFERRED TO IN OTHER SECTIONS

This subchapter is referred to in sections 6916, 7589, 9607, 9614 of this title.

§ 6991. Definitions and exemptions

For the purposes of this subchapter—

(1) The term “underground storage tank” means any one or combination of tanks (including underground pipes connected thereto) which is used to contain an accumulation of regulated substances, and the volume of which (including the volume of the underground pipes connected thereto) is 10 per centum or more beneath the surface of the ground. Such term does not include any—

(A) farm or residential tank of 1,100 gallons or less capacity used for storing motor fuel for noncommercial purposes,

(B) tank used for storing heating oil for consumptive use on the premises where stored,

(C) septic tank,

(D) pipeline facility (including gathering lines)—

(i) which is regulated under chapter 601 of title 49, or

(ii) which is an intrastate pipeline facility regulated under State laws as provided in chapter 601 of title 49,

and which is determined by the Secretary to be connected to a pipeline or to be operated or intended to be capable of operating at pipeline pressure or as an integral part of a pipeline,

(E) surface impoundment, pit, pond, or lagoon,

(F) storm water or waste water collection system,

(G) flow-through process tank,

(H) liquid trap or associated gathering lines directly related to oil or gas production and gathering operations, or

(I) storage tank situated in an underground area (such as a basement, cellar, mineworking, drift, shaft, or tunnel) if the storage tank is situated upon or above the surface of the floor.

The term “underground storage tank” shall not include any pipes connected to any tank which is described in subparagraphs (A) through (I).

(2) The term “regulated substance” means—

(A) any substance defined in section 9601(14) of this title (but not including any substance regulated as a hazardous waste under subchapter III of this chapter), and

(B) petroleum.

(3) The term “owner” means—

(A) in the case of an underground storage tank in use on November 8, 1984, or brought into use after that date, any person who owns an underground storage tank used for the storage, use, or dispensing of regulated substances,¹ and

(B) in the case of any underground storage tank in use before November 8, 1984, but no longer in use on November 8, 1984, any person who owned such tank immediately before the discontinuation of its use.

(4) The term “operator” means any person in control of, or having responsibility for, the daily operation of the underground storage tank.

(5) The term “release” means any spilling, leaking, emitting, discharging, escaping, leaching, or disposing from an underground storage tank into ground water, surface water or subsurface soils.

(6) The term “person” has the same meaning as provided in section 6903(15) of this title, except that such term includes a consortium, a joint venture, and a commercial entity, and the United States Government.

(7) The term “nonoperational storage tank” means any underground storage tank in which regulated substances will not be deposited or from which regulated substances will not be dispensed after November 8, 1984.

(8) The term “petroleum” means petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute).

(Pub. L. 89-272, title II, §9001, as added Pub. L. 98-616, title VI, §601(a), Nov. 8, 1984, 98 Stat. 3277; amended Pub. L. 99-499, title II, §205(a), Oct. 17, 1986, 100 Stat. 1696; Pub. L. 102-508, title III, §302, Oct. 24, 1992, 106 Stat. 3307; Pub. L. 103-429, §7(d), Oct. 31, 1994, 108 Stat. 4389.)

AMENDMENTS

1994—Par. (1)(D). Pub. L. 103-429 amended subpar. (D) generally. Prior to amendment, subpar. (D) read as follows: “pipeline facility (including gathering lines)—

“(i) which is regulated under the Natural Gas Pipeline Safety Act of 1968 (49 U.S.C. App. 1671 et seq.),

“(ii) which is regulated under the Hazardous Liquid Pipeline Safety Act of 1979 (49 U.S.C. App. 2001 et seq.), or

“(iii) which is an intrastate pipeline facility regulated under State laws as provided in the provisions of law referred to in clause (i) or (ii) of this subparagraph,

and which is determined by the Secretary to be connected to a pipeline or to be operated or intended to be capable of operating at pipeline pressure or as an integral part of a pipeline.”

1992—Par. (1)(D). Pub. L. 102-508 amended subpar. (D) generally. Prior to amendment, subpar. (D) read as follows: “pipeline facility (including gathering lines) regulated under—

“(i) the Natural Gas Pipeline Safety Act of 1968,

“(ii) the Hazardous Liquid Pipeline Safety Act of 1979, or

“(iii) which is an intrastate pipeline facility regulated under State laws comparable to the provisions of law referred to in clause (i) or (ii) of this subparagraph.”

1986—Par. (2)(B). Pub. L. 99-499 struck out “, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure (60 degrees Fahrenheit and 14.7 pounds per square inch absolute)”. See par. (8).

Par. (8). Pub. L. 99-499 added par. (8).

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6991b, 6991c, 6991h of this title.

¹ So in original. Probably should be “substances.”

§ 6991a. Notification**(a) Underground storage tanks**

(1) Within 18 months after November 8, 1984, each owner of an underground storage tank shall notify the State or local agency or department designated pursuant to subsection (b)(1) of this section of the existence of such tank, specifying the age, size, type, location, and uses of such tank.

(2)(A) For each underground storage tank taken out of operation after January 1, 1974, the owner of such tank shall, within eighteen months after November 8, 1984, notify the State or local agency, or department designated pursuant to subsection (b)(1) of this section of the existence of such tanks (unless the owner knows the tank subsequently was removed from the ground). The owner of a tank taken out of operation on or before January 1, 1974, shall not be required to notify the State or local agency under this subsection.

(B) Notice under subparagraph (A) shall specify, to the extent known to the owner—

- (i) the date the tank was taken out of operation,
- (ii) the age of the tank on the date taken out of operation,
- (iii) the size, type and location of the tank, and
- (iv) the type and quantity of substances left stored in such tank on the date taken out of operation.

(3) Any owner which brings into use an underground storage tank after the initial notification period specified under paragraph (1), shall notify the designated State or local agency or department within thirty days of the existence of such tank, specifying the age, size, type, location and uses of such tank.

(4) Paragraphs (1) through (3) of this subsection shall not apply to tanks for which notice was given pursuant to section 9603(c) of this title.

(5) Beginning thirty days after the Administrator prescribes the form of notice pursuant to subsection (b)(2) of this section and for eighteen months thereafter, any person who deposits regulated substances in an underground storage tank shall reasonably notify the owner or operator of such tank of the owner's notification requirements pursuant to this subsection.

(6) Beginning thirty days after the Administrator issues new tank performance standards pursuant to section 6991b(c) of this title, any person who sells a tank intended to be used as an underground storage tank shall notify the purchaser of such tank of the owner's notification requirements pursuant to this subsection.

(b) Agency designation

(1) Within one hundred and eighty days after November 8, 1984, the Governors of each State shall designate the appropriate State agency or department or local agencies or departments to receive the notifications under subsection (a)(1), (2), or (3) of this section.

(2) Within twelve months after November 8, 1984, the Administrator, in consultation with State and local officials designated pursuant to subsection (b)(1) of this section, and after notice

and opportunity for public comment, shall prescribe the form of the notice and the information to be included in the notifications under subsection (a)(1), (2), or (3) of this section. In prescribing the form of such notice, the Administrator shall take into account the effect on small businesses and other owners and operators.

(c) State inventories

Each State shall make 2 separate inventories of all underground storage tanks in such State containing regulated substances. One inventory shall be made with respect to petroleum and one with respect to other regulated substances. In making such inventories, the State shall utilize and aggregate the data in the notification forms submitted pursuant to subsections (a) and (b) of this section. Each State shall submit such aggregated data to the Administrator not later than 270 days after October 17, 1986.

(Pub. L. 89-272, title II, §9002, as added Pub. L. 98-616, title VI, §601(a), Nov. 8, 1984, 98 Stat. 3278; amended Pub. L. 99-499, title II, §205(b), Oct. 17, 1986, 100 Stat. 1696.)

AMENDMENTS

1986—Subsec. (c). Pub. L. 99-499 added subsec. (c).

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6991c, 6991e of this title.

§ 6991b. Release detection, prevention, and correction regulations**(a) Regulations**

The Administrator, after notice and opportunity for public comment, and at least three months before the effective dates specified in subsection (f) of this section, shall promulgate release detection, prevention, and correction regulations applicable to all owners and operators of underground storage tanks, as may be necessary to protect human health and the environment.

(b) Distinctions in regulations

In promulgating regulations under this section, the Administrator may distinguish between types, classes, and ages of underground storage tanks. In making such distinctions, the Administrator may take into consideration factors, including, but not limited to: location of the tanks, soil and climate conditions, uses of the tanks, history of maintenance, age of the tanks, current industry recommended practices, national consensus codes, hydrogeology, water table, size of the tanks, quantity of regulated substances periodically deposited in or dispensed from the tank, the technical capability of the owners and operators, and the compatibility of the regulated substance and the materials of which the tank is fabricated.

(c) Requirements

The regulations promulgated pursuant to this section shall include, but need not be limited to, the following requirements respecting all underground storage tanks—

- (1) requirements for maintaining a leak detection system, an inventory control system

together with tank testing, or a comparable system or method designed to identify releases in a manner consistent with the protection of human health and the environment;

(2) requirements for maintaining records of any monitoring or leak detection system or inventory control system or tank testing or comparable system;

(3) requirements for reporting of releases and corrective action taken in response to a release from an underground storage tank;

(4) requirements for taking corrective action in response to a release from an underground storage tank;

(5) requirements for the closure of tanks to prevent future releases of regulated substances into the environment; and

(6) requirements for maintaining evidence of financial responsibility for taking corrective action and compensating third parties for bodily injury and property damage caused by sudden and nonsudden accidental releases arising from operating an underground storage tank.

(d) Financial responsibility

(1) Financial responsibility required by this subsection may be established in accordance with regulations promulgated by the Administrator by any one, or any combination, of the following: insurance, guarantee, surety bond, letter of credit, qualification as a self-insurer or any other method satisfactory to the Administrator. In promulgating requirements under this subsection, the Administrator is authorized to specify policy or other contractual terms, conditions, or defenses which are necessary or are unacceptable in establishing such evidence of financial responsibility in order to effectuate the purposes of this subchapter.

(2) In any case where the owner or operator is in bankruptcy, reorganization, or arrangement pursuant to the Federal Bankruptcy Code or where with reasonable diligence jurisdiction in any State court of the Federal courts cannot be obtained over an owner or operator likely to be solvent at the time of judgment, any claim arising from conduct for which evidence of financial responsibility must be provided under this subsection may be asserted directly against the guarantor providing such evidence of financial responsibility. In the case of any action pursuant to this paragraph such guarantor shall be entitled to invoke all rights and defenses which would have been available to the owner or operator if any action had been brought against the owner or operator by the claimant and which would have been available to the guarantor if an action had been brought against the guarantor by the owner or operator.

(3) The total liability of any guarantor shall be limited to the aggregate amount which the guarantor has provided as evidence of financial responsibility to the owner or operator under this section. Nothing in this subsection shall be construed to limit any other State or Federal statutory, contractual or common law liability of a guarantor to its owner or operator including, but not limited to, the liability of such guarantor for bad faith either in negotiating or in failing to negotiate the settlement of any claim. Nothing in this subsection shall be con-

strued to diminish the liability of any person under section 9607 or 9611 of this title or other applicable law.

(4) For the purpose of this subsection, the term "guarantor" means any person, other than the owner or operator, who provides evidence of financial responsibility for an owner or operator under this subsection.

(5)(A) The Administrator, in promulgating financial responsibility regulations under this section, may establish an amount of coverage for particular classes or categories of underground storage tanks containing petroleum which shall satisfy such regulations and which shall not be less than \$1,000,000 for each occurrence with an appropriate aggregate requirement.

(B) The Administrator may set amounts lower than the amounts required by subparagraph (A) of this paragraph for underground storage tanks containing petroleum which are at facilities not engaged in petroleum production, refining, or marketing and which are not used to handle substantial quantities of petroleum.

(C) In establishing classes and categories for purposes of this paragraph, the Administrator may consider the following factors:

(i) The size, type, location, storage, and handling capacity of underground storage tanks in the class or category and the volume of petroleum handled by such tanks.

(ii) The likelihood of release and the potential extent of damage from any release from underground storage tanks in the class or category.

(iii) The economic impact of the limits on the owners and operators of each such class or category, particularly relating to the small business segment of the petroleum marketing industry.

(iv) The availability of methods of financial responsibility in amounts greater than the amount established by this paragraph.

(v) Such other factors as the Administrator deems pertinent.

(D) The Administrator may suspend enforcement of the financial responsibility requirements for a particular class or category of underground storage tanks or in a particular State, if the Administrator makes a determination that methods of financial responsibility satisfying the requirements of this subsection are not generally available for underground storage tanks in that class or category, and—

(i) steps are being taken to form a risk retention group for such class of tanks; or

(ii) such State is taking steps to establish a fund pursuant to section 6991c(c)(1) of this title to be submitted as evidence of financial responsibility.

A suspension by the Administrator pursuant to this paragraph shall extend for a period not to exceed 180 days. A determination to suspend may be made with respect to the same class or category or for the same State at the end of such period, but only if substantial progress has been made in establishing a risk retention group, or the owners or operators in the class or category demonstrate, and the Administrator finds, that the formation of such a group is not

possible and that the State is unable or unwilling to establish such a fund pursuant to clause (ii).

(e) New tank performance standards

The Administrator shall, not later than three months prior to the effective date specified in subsection (f) of this section, issue performance standards for underground storage tanks brought into use on or after the effective date of such standards. The performance standards for new underground storage tanks shall include, but need not be limited to, design, construction, installation, release detection, and compatibility standards.

(f) Effective dates

(1) Regulations issued pursuant to subsection¹ (c) and (d) of this section, and standards issued pursuant to subsection (e) of this section, for underground storage tanks containing regulated substances defined in section 6991(2)(B) of this title (petroleum, including crude oil or any fraction thereof which is liquid at standard conditions of temperature and pressure) shall be effective not later than thirty months after November 8, 1984.

(2) Standards issued pursuant to subsection (e) of this section (entitled “New Tank Performance Standards”) for underground storage tanks containing regulated substances defined in section 6991(2)(A) of this title shall be effective not later than thirty-six months after November 8, 1984.

(3) Regulations issued pursuant to subsection (c) of this section (entitled “Requirements”) and standards issued pursuant to subsection (d) of this section (entitled “Financial Responsibility”) for underground storage tanks containing regulated substances defined in section 6991(2)(A) of this title shall be effective not later than forty-eight months after November 8, 1984.

(g) Interim prohibition

(1) Until the effective date of the standards promulgated by the Administrator under subsection (e) of this section and after one hundred and eighty days after November 8, 1984, no person may install an underground storage tank for the purpose of storing regulated substances unless such tank (whether of single or double wall construction)—

(A) will prevent releases due to corrosion or structural failure for the operational life of the tank;

(B) is cathodically protected against corrosion, constructed of noncorrosive material, steel clad with a noncorrosive material, or designed in a manner to prevent the release or threatened release of any stored substance; and

(C) the material used in the construction or lining of the tank is compatible with the substance to be stored.

(2) Notwithstanding paragraph (1), if soil tests conducted in accordance with ASTM Standard G57-78, or another standard approved by the Administrator, show that soil resistivity in an installation location is 12,000 ohm/cm or more (un-

less a more stringent standard is prescribed by the Administrator by rule), a storage tank without corrosion protection may be installed in that location during the period referred to in paragraph (1).

(h) EPA response program for petroleum

(1) Before regulations

Before the effective date of regulations under subsection (c) of this section, the Administrator (or a State pursuant to paragraph (7)) is authorized to—

(A) require the owner or operator of an underground storage tank to undertake corrective action with respect to any release of petroleum when the Administrator (or the State) determines that such corrective action will be done properly and promptly by the owner or operator of the underground storage tank from which the release occurs; or

(B) undertake corrective action with respect to any release of petroleum into the environment from an underground storage tank if such action is necessary, in the judgment of the Administrator (or the State), to protect human health and the environment.

The corrective action undertaken or required under this paragraph shall be such as may be necessary to protect human health and the environment. The Administrator shall use funds in the Leaking Underground Storage Tank Trust Fund for payment of costs incurred for corrective action under subparagraph (B), enforcement action under subparagraph (A), and cost recovery under paragraph (6) of this subsection. Subject to the priority requirements of paragraph (3), the Administrator (or the State) shall give priority in undertaking such actions under subparagraph (B) to cases where the Administrator (or the State) cannot identify a solvent owner or operator of the tank who will undertake action properly.

(2) After regulations

Following the effective date of regulations under subsection (c) of this section, all actions or orders of the Administrator (or a State pursuant to paragraph (7)) described in paragraph (1) of this subsection shall be in conformity with such regulations. Following such effective date, the Administrator (or the State) may undertake corrective action with respect to any release of petroleum into the environment from an underground storage tank only if such action is necessary, in the judgment of the Administrator (or the State), to protect human health and the environment and one or more of the following situations exists:

(A) No person can be found, within 90 days or such shorter period as may be necessary to protect human health and the environment, who is—

(i) an owner or operator of the tank concerned,

(ii) subject to such corrective action regulations, and

(iii) capable of carrying out such corrective action properly.

(B) A situation exists which requires prompt action by the Administrator (or the

¹ So in original. Probably should be “subsections”.

State) under this paragraph to protect human health and the environment.

(C) Corrective action costs at a facility exceed the amount of coverage required by the Administrator pursuant to the provisions of subsections (c) and (d)(5) of this section and, considering the class or category of underground storage tank from which the release occurred, expenditures from the Leaking Underground Storage Tank Trust Fund are necessary to assure an effective corrective action.

(D) The owner or operator of the tank has failed or refused to comply with an order of the Administrator under this subsection or section 6991e of this title or with the order of a State under this subsection to comply with the corrective action regulations.

(3) Priority of corrective actions

The Administrator (or a State pursuant to paragraph (7)) shall give priority in undertaking corrective actions under this subsection, and in issuing orders requiring owners or operators to undertake such actions, to releases of petroleum from underground storage tanks which pose the greatest threat to human health and the environment.

(4) Corrective action orders

The Administrator is authorized to issue orders to the owner or operator of an underground storage tank to carry out subparagraph (A) of paragraph (1) or to carry out regulations issued under subsection (c)(4) of this section. A State acting pursuant to paragraph (7) of this subsection is authorized to carry out subparagraph (A) of paragraph (1) only until the State's program is approved by the Administrator under section 6991c of this title. Such orders shall be issued and enforced in the same manner and subject to the same requirements as orders under section 6991e of this title.

(5) Allowable corrective actions

The corrective actions undertaken by the Administrator (or a State pursuant to paragraph (7)) under paragraph (1) or (2) may include temporary or permanent relocation of residents and alternative household water supplies. In connection with the performance of any corrective action under paragraph (1) or (2), the Administrator may undertake an exposure assessment as defined in paragraph (10) of this subsection or provide for such an assessment in a cooperative agreement with a State pursuant to paragraph (7) of this subsection. The costs of any such assessment may be treated as corrective action for purposes of paragraph (6), relating to cost recovery.

(6) Recovery of costs

(A) In general

Whenever costs have been incurred by the Administrator, or by a State pursuant to paragraph (7), for undertaking corrective action or enforcement action with respect to the release of petroleum from an underground storage tank, the owner or operator of such tank shall be liable to the Administrator or the State for such costs. The liability under this paragraph shall be construed

to be the standard of liability which obtains under section 1321 of title 33.

(B) Recovery

In determining the equities for seeking the recovery of costs under subparagraph (A), the Administrator (or a State pursuant to paragraph (7) of this subsection) may consider the amount of financial responsibility required to be maintained under subsections (c) and (d)(5) of this section and the factors considered in establishing such amount under subsection (d)(5) of this section.

(C) Effect on liability

(i) No transfers of liability

No indemnification, hold harmless, or similar agreement or conveyance shall be effective to transfer from the owner or operator of any underground storage tank or from any person who may be liable for a release or threat of release under this subsection, to any other person the liability imposed under this subsection. Nothing in this subsection shall bar any agreement to insure, hold harmless, or indemnify a party to such agreement for any liability under this section.

(ii) No bar to cause of action

Nothing in this subsection, including the provisions of clause (i) of this subparagraph, shall bar a cause of action that an owner or operator or any other person subject to liability under this section, or a guarantor, has or would have, by reason of subrogation or otherwise against any person.

(D) Facility

For purposes of this paragraph, the term "facility" means, with respect to any owner or operator, all underground storage tanks used for the storage of petroleum which are owned or operated by such owner or operator and located on a single parcel of property (or on any contiguous or adjacent property).

(7) State authorities

(A) General

A State may exercise the authorities in paragraphs (1) and (2) of this subsection, subject to the terms and conditions of paragraphs (3), (5), (9), (10), and (11), and including the authorities of paragraphs (4), (6), and (8) of this subsection if—

(i) the Administrator determines that the State has the capabilities to carry out effective corrective actions and enforcement activities; and

(ii) the Administrator enters into a cooperative agreement with the State setting out the actions to be undertaken by the State.

The Administrator may provide funds from the Leaking Underground Storage Tank Trust Fund for the reasonable costs of the State's actions under the cooperative agreement.

(B) Cost share

Following the effective date of the regulations under subsection (c) of this section, the

State shall pay 10 per centum of the cost of corrective actions undertaken either by the Administrator or by the State under a cooperative agreement, except that the Administrator may take corrective action at a facility where immediate action is necessary to respond to an imminent and substantial endangerment to human health or the environment if the State fails to pay the cost share.

(8) Emergency procurement powers

Notwithstanding any other provision of law, the Administrator may authorize the use of such emergency procurement powers as he deems necessary.

(9) Definition of owner

As used in this subsection, the term “owner” does not include any person who, without participating in the management of an underground storage tank and otherwise not engaged in petroleum production, refining, and marketing, holds indicia of ownership primarily to protect the owner’s security interest in the tank.

(10) Definition of exposure assessment

As used in this subsection, the term “exposure assessment” means an assessment to determine the extent of exposure of, or potential for exposure of, individuals to petroleum from a release from an underground storage tank based on such factors as the nature and extent of contamination and the existence of or potential for pathways of human exposure (including ground or surface water contamination, air emissions, and food chain contamination), the size of the community within the likely pathways of exposure, and the comparison of expected human exposure levels to the short-term and long-term health effects associated with identified contaminants and any available recommended exposure or tolerance limits for such contaminants. Such assessment shall not delay corrective action to abate immediate hazards or reduce exposure.

(11) Facilities without financial responsibility

At any facility where the owner or operator has failed to maintain evidence of financial responsibility in amounts at least equal to the amounts established by subsection (d)(5)(A) of this section (or a lesser amount if such amount is applicable to such facility as a result of subsection (d)(5)(B) of this section) for whatever reason the Administrator shall expend no monies from the Leaking Underground Storage Tank Trust Fund to clean up releases at such facility pursuant to the provisions of paragraph (1) or (2) of this subsection. At such facilities the Administrator shall use the authorities provided in subparagraph (A) of paragraph (1) and paragraph (4) of this subsection and section 6991e of this title to order corrective action to clean up such releases. States acting pursuant to paragraph (7) of this subsection shall use the authorities provided in subparagraph (A) of paragraph (1) and paragraph (4) of this subsection to order corrective action to clean up such releases. Notwithstanding the provisions of this paragraph, the Administrator may use monies from the fund

to take the corrective actions authorized by paragraph (5) of this subsection to protect human health at such facilities and shall seek full recovery of the costs of all such actions pursuant to the provisions of paragraph (6)(A) of this subsection and without consideration of the factors in paragraph (6)(B) of this subsection. Nothing in this paragraph shall prevent the Administrator (or a State pursuant to paragraph (7) of this subsection) from taking corrective action at a facility where there is no solvent owner or operator or where immediate action is necessary to respond to an imminent and substantial endangerment of human health or the environment.

(Pub. L. 89-272, title II, §9003, as added Pub. L. 98-616, title VI, §601(a), Nov. 8, 1984, 98 Stat. 3279; amended Pub. L. 99-499, title II, §205(c), (d), Oct. 17, 1986, 100 Stat. 1697, 1698.)

REFERENCES IN TEXT

The Federal Bankruptcy Code, referred to in subsec. (d)(2), probably means a reference to Title 11, Bankruptcy.

AMENDMENTS

1986—Subsec. (c)(6). Pub. L. 99-499, §205(c)(1), added par. (6).

Subsec. (d)(1). Pub. L. 99-499, §205(c)(3), which directed that par. (1) be amended by “striking out ‘or’ after ‘credit,’ and by striking out the period at the end thereof and inserting in lieu thereof the following: ‘or any other method satisfactory to the Administrator.’”, was executed by striking the period and making insertion at end of first sentence, rather than at end of par. (1), as the probable intent of Congress, because an earlier version of the amending legislation had provided that such amendment be made to first sentence.

Pub. L. 99-499, §205(c)(2), redesignated par. (2) as (1) and struck out former par. (1) which read as follows: “As he deems necessary or desirable, the Administrator shall promulgate regulations containing requirements for maintaining evidence of financial responsibility as he deems necessary and desirable for taking corrective action and compensating third parties for bodily injury and property damage caused by sudden and nonsudden accidental releases arising from operating an underground storage tank.”

Subsec. (d)(2) to (5). Pub. L. 99-499, §205(c)(2), (4), added par. (5) and redesignated pars. (3) to (5) as (2) to (4), respectively. Former par. (2) redesignated (1).

Subsec. (h). Pub. L. 99-499, §205(d), added subsec. (h).

POLLUTION LIABILITY INSURANCE

Section 205(h) of Pub. L. 99-499 provided that:

“(1) **STUDY.**—The Comptroller General shall conduct a study of the availability of pollution liability insurance, leak insurance, and contamination insurance for owners and operators of petroleum storage and distribution facilities. The study shall assess the current and projected extent to which private insurance can contribute to the financial responsibility of owners and operators of underground storage tanks and the ability of owners and operators of underground storage tanks to maintain financial responsibility through other methods. The study shall consider the experience of owners and operators of marine vessels in getting insurance for their liabilities under the Federal Water Pollution Control Act [33 U.S.C. 1251 et seq.] and the operation of the Water Quality Insurance Syndicate.

“(2) **REPORT.**—The Comptroller General shall report the findings under this subsection to the Congress within 15 months after the enactment of this subsection [Oct. 17, 1986]. Such report shall include recommendations for legislative or administrative changes that will enable owners and operators of underground

storage tanks to maintain financial responsibility sufficient to provide all clean-up costs and damages that may result from reasonably foreseeable releases and events.”

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6924, 6991a, 6991c, 6991d, 6991e of this title; title 26 section 9508.

§ 6991c. Approval of State programs

(a) Elements of State program

Beginning 30 months after November 8, 1984, any State may, submit an underground storage tank release detection, prevention, and correction program for review and approval by the Administrator. The program may cover tanks used to store regulated substances referred to in¹ 6991(2)(A) or (B) or both of this title. A State program may be approved by the Administrator under this section only if the State demonstrates that the State program includes the following requirements and standards and provides for adequate enforcement of compliance with such requirements and standards—

(1) requirements for maintaining a leak detection system, an inventory control system together with tank testing, or a comparable system or method designed to identify releases in a manner consistent with the protection of human health and the environment;

(2) requirements for maintaining records of any monitoring or leak detection system or inventory control system or tank testing system;

(3) requirements for reporting of any releases and corrective action taken in response to a release from an underground storage tank;

(4) requirements for taking corrective action in response to a release from an underground storage tank;

(5) requirements for the closure of tanks to prevent future releases of regulated substances into the environment;

(6) requirements for maintaining evidence of financial responsibility for taking corrective action and compensating third parties for bodily injury and property damage caused by sudden and nonsudden accidental releases arising from operating an underground storage tank;

(7) standards of performance for new underground storage tanks; and

(8) requirements—

(A) for notifying the appropriate State agency or department (or local agency or department) designated according to section 6991a(b)(1) of this title of the existence of any operational or non-operational underground storage tank; and

(B) for providing the information required on the form issued pursuant to section 6991a(b)(2) of this title.

(b) Federal standards

(1) A State program submitted under this section may be approved only if the requirements under paragraphs (1) through (7) of subsection (a) of this section are no less stringent than the corresponding requirements standards promul-

gated by the Administrator pursuant to section 6991b(a) of this title.

(2)(A) A State program may be approved without regard to whether or not the requirements referred to in paragraphs (1), (2), (3), and (5) of subsection (a) of this section are less stringent than the corresponding standards under section 6991b(a) of this title during the one-year period commencing on the date of promulgation of regulations under section 6991b(a) of this title if State regulatory action but no State legislative action is required in order to adopt a State program.

(B) If such State legislative action is required, the State program may be approved without regard to whether or not the requirements referred to in paragraphs (1), (2), (3), and (5) of subsection (a) of this section are less stringent than the corresponding standards under section 6991b(a) of this title during the two-year period commencing on the date of promulgation of regulations under section 6991b(a) of this title (and during an additional one-year period after such legislative action if regulations are required to be promulgated by the State pursuant to such legislative action).

(c) Financial responsibility

(1) Corrective action and compensation programs administered by State or local agencies or departments may be submitted for approval under subsection (a)(6) of this section as evidence of financial responsibility.

(2) Financial responsibility required by this subsection may be established in accordance with regulations promulgated by the Administrator by any one, or any combination, of the following: insurance, guarantee, surety bond, letter of credit, qualification as a self-insurer or any other method satisfactory to the Administrator. In promulgating requirements under this subsection, the Administrator is authorized to specify policy or other contractual terms including the amount of coverage required for various classes and categories of underground storage tanks pursuant to section 6991b(d)(5) of this title, conditions, or defenses which are necessary or are unacceptable in establishing such evidence of financial responsibility in order to effectuate the purposes of this subchapter.

(3) In any case where the owner or operator is in bankruptcy, reorganization, or arrangement pursuant to the Federal Bankruptcy Code or where with reasonable diligence jurisdiction in any State court of the Federal courts cannot be obtained over an owner or operator likely to be solvent at the time of judgment, any claim arising from conduct for which evidence of financial responsibility must be provided under this subsection may be asserted directly against the guarantor providing such evidence of financial responsibility. In the case of any action pursuant to this paragraph such guarantor shall be entitled to invoke all rights and defenses which would have been available to the owner or operator if any action had been brought against the owner or operator by the claimant and which would have been available to the guarantor if an action had been brought against the guarantor by the owner or operator.

(4) The total liability of any guarantor shall be limited to the aggregate amount which the

¹ So in original. Probably should be “in section”.

guarantor has provided as evidence of financial responsibility to the owner or operator under this section. Nothing in this subsection shall be construed to limit any other State or Federal statutory, contractual or common law liability of a guarantor to its owner or operator including, but not limited to, the liability of such guarantor for bad faith either in negotiating or in failing to negotiate the settlement of any claim. Nothing in this subsection shall be construed to diminish the liability of any person under section 9607 or 9611 of this title or other applicable law.

(5) For the purpose of this subsection, the term “guarantor” means any person, other than the owner or operator, who provides evidence of financial responsibility for an owner or operator under this subsection.

(d) EPA determination

(1) Within one hundred and eighty days of the date of receipt of a proposed State program, the Administrator shall, after notice and opportunity for public comment, make a determination whether the State's program complies with the provisions of this section and provides for adequate enforcement of compliance with the requirements and standards adopted pursuant to this section.

(2) If the Administrator determines that a State program complies with the provisions of this section and provides for adequate enforcement of compliance with the requirements and standards adopted pursuant to this section, he shall approve the State program in lieu of the Federal program and the State shall have primary enforcement responsibility with respect to requirements of its program.

(e) Withdrawal of authorization

Whenever the Administrator determines after public hearing that a State is not administering and enforcing a program authorized under this subchapter in accordance with the provisions of this section, he shall so notify the State. If appropriate action is not taken within a reasonable time, not to exceed one hundred and twenty days after such notification, the Administrator shall withdraw approval of such program and re-establish the Federal program pursuant to this subchapter.

(Pub. L. 89-272, title II, §9004, as added Pub. L. 98-616, title VI, §601(a), Nov. 8, 1984, 98 Stat. 3282; amended Pub. L. 99-499, title II, §205(e), Oct. 17, 1986, 100 Stat. 1702.)

REFERENCES IN TEXT

The Federal Bankruptcy Code, referred to in subsec. (c)(3), probably means a reference to Title 11, Bankruptcy.

AMENDMENTS

1986—Subsec. (c)(1). Pub. L. 99-499, §205(e)(1), struck out “financed by fees on tank owners and operators and” after “compensation programs”.

Subsec. (c)(2). Pub. L. 99-499, §205(e)(2), struck out “or” after “letter of credit,” and inserted “or any other method satisfactory to the Administrator” and “including the amount of coverage required for various classes and categories of underground storage tanks pursuant to section 6991b(d)(5) of this title”.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6991b, 6991e of this title.

§ 6991d. Inspections, monitoring, testing, and corrective action

(a) Furnishing information

For the purposes of developing or assisting in the development of any regulation, conducting any study¹ taking any corrective action, or enforcing the provisions of this subchapter, any owner or operator of an underground storage tank (or any tank subject to study under section 6991h of this title that is used for storing regulated substances) shall, upon request of any officer, employee or representative of the Environmental Protection Agency, duly designated by the Administrator, or upon request of any duly designated officer, employee, or representative of a State acting pursuant to subsection (h)(7) of section 6991b of this title or with an approved program, furnish information relating to such tanks, their associated equipment, their contents, conduct monitoring or testing, permit such officer at all reasonable times to have access to, and to copy all records relating to such tanks and permit such officer to have access for corrective action. For the purposes of developing or assisting in the development of any regulation, conducting any study, taking corrective action, or enforcing the provisions of this subchapter, such officers, employees, or representatives are authorized—

(1) to enter at reasonable times any establishment or other place where an underground storage tank is located;

(2) to inspect and obtain samples from any person of any regulated substances contained in such tank;

(3) to conduct monitoring or testing of the tanks, associated equipment, contents, or surrounding soils, air, surface water or ground water; and

(4) to take corrective action.

Each such inspection shall be commenced and completed with reasonable promptness.

(b) Confidentiality

(1) Any records, reports, or information obtained from any persons under this section shall be available to the public, except that upon a showing satisfactory to the Administrator (or the State, as the case may be) by any person that records, reports, or information, or a particular part thereof, to which the Administrator (or the State, as the case may be) or any officer, employee, or representative thereof has access under this section if made public, would divulge information entitled to protection under section 1905 of title 18, such information or particular portion thereof shall be considered confidential in accordance with the purposes of that section, except that such record, report, document, or information may be disclosed to other officers, employees, or authorized representatives of the United States concerned with carrying out this chapter, or when relevant² in any proceeding under this chapter.

(2) Any person not subject to the provisions of section 1905 of title 18 who knowingly and willfully divulges or discloses any information enti-

¹ So in original. Probably should be followed by a comma.

² So in original. Probably should be “relevant”.

tled to protection under this subsection shall, upon conviction, be subject to a fine of not more than \$5,000 or to imprisonment not to exceed one year, or both.

(3) In submitting data under this subchapter, a person required to provide such data may—

(A) designate the data which such person believes is entitled to protection under this subsection, and

(B) submit such designated data separately from other data submitted under this subchapter.

A designation under this paragraph shall be made in writing and in such manner as the Administrator may prescribe.

(4) Notwithstanding any limitation contained in this section or any other provision of law, all information reported to, or otherwise obtained, by the Administrator (or any representative of the Administrator) under this chapter shall be made available, upon written request of any duly authorized committee of the Congress, to such committee (including records, reports, or information obtained by representatives of the Environmental³ Protection Agency).

(Pub. L. 89-272, title II, §9005, as added Pub. L. 98-616, title VI, §601(a), Nov. 8, 1984, 98 Stat. 3284; amended Pub. L. 99-499, title II, §205(f), Oct. 17, 1986, 100 Stat. 1702.)

AMENDMENTS

1986—Pub. L. 99-499, §205(f)(3), inserted reference to corrective action in section catchline.

Subsec. (a). Pub. L. 99-499, §205(f)(1), in first sentence, inserted “taking any corrective action” after “conducting any study”, inserted “acting pursuant to subsection (h)(7) of section 6991b of this title or”, struck out “and” before “permit such officer”, and inserted “and permit such officer to have access for corrective action”, and in second sentence, inserted “taking corrective action,” after “study.”. The amendment directing insertion of “taking any corrective action” after “study” in first sentence was executed by inserting that language after “conducting any study” rather than after “subject to study”, as the probable intent of Congress.

Subsec. (a)(4). Pub. L. 99-499, §205(f)(2), added par. (4).

§ 6991e. Federal enforcement

(a) Compliance orders

(1) Except as provided in paragraph (2), whenever on the basis of any information, the Administrator determines that any person is in violation of any requirement of this subchapter, the Administrator may issue an order requiring compliance within a reasonable specified time period or the Administrator may commence a civil action in the United States district court in which the violation occurred for appropriate relief, including a temporary or permanent injunction.

(2) In the case of a violation of any requirement of this subchapter where such violation occurs in a State with a program approved under section 6991c of this title, the Administrator shall give notice to the State in which such violation has occurred prior to issuing an order or commencing a civil action under this section.

(3) If a violator fails to comply with an order under this subsection within the time specified

in the order, he shall be liable for a civil penalty of not more than \$25,000 for each day of continued noncompliance.

(b) Procedure

Any order issued under this section shall become final unless, no later than thirty days after the order is served, the person or persons named therein request a public hearing. Upon such request the Administrator shall promptly conduct a public hearing. In connection with any proceeding under this section the Administrator may issue subpoenas for the attendance and testimony of witnesses and the production of relevant papers, books, and documents, and may promulgate rules for discovery procedures.

(c) Contents of order

Any order issued under this section shall state with reasonable specificity the nature of the violation, specify a reasonable time for compliance, and assess a penalty, if any, which the Administrator determines is reasonable taking into account the seriousness of the violation and any good faith efforts to comply with the applicable requirements.

(d) Civil penalties

(1) Any owner who knowingly fails to notify or submits false information pursuant to section 6991a(a) of this title shall be subject to a civil penalty not to exceed \$10,000 for each tank for which notification is not given or false information is submitted.

(2) Any owner or operator of an underground storage tank who fails to comply with—

(A) any requirement or standard promulgated by the Administrator under section 6991b of this title;

(B) any requirement or standard of a State program approved pursuant to section 6991c of this title; or

(C) the provisions of section 6991b(g) of this title (entitled “Interim Prohibition”)

shall be subject to a civil penalty not to exceed \$10,000 for each tank for each day of violation.

(Pub. L. 89-272, title II, §9006, as added Pub. L. 98-616, title VI, §601(a), Nov. 8, 1984, 98 Stat. 3285.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6991b of this title.

§ 6991f. Federal facilities

(a) Application of subchapter

Each department, agency, and instrumentality of the executive, legislative, and judicial branches of the Federal Government having jurisdiction over any underground storage tank shall be subject to and comply with all Federal, State, interstate, and local requirements, applicable to such tank, both substantive and procedural, in the same manner, and to the same extent, as any other person is subject to such requirements, including payment of reasonable service charges. Neither the United States, nor any agent, employee, or officer thereof, shall be immune or exempt from any process or sanction of any State or Federal court with respect to the enforcement of any such injunctive relief.

³ So in original. Probably should be “Environmental”.

(b) Presidential exemption

The President may exempt any underground storage tanks of any department, agency, or instrumentality in the executive branch from compliance with such a requirement if he determines it to be in the paramount interest of the United States to do so. No such exemption shall be granted due to lack of appropriation unless the President shall have specifically requested such appropriation as a part of the budgetary process and the Congress shall have failed to make available such requested appropriations. Any exemption shall be for a period not in excess of one year, but additional exemptions may be granted for periods not to exceed one year upon the President's making a new determination. The President shall report each January to the Congress all exemptions from the requirements of this section granted during the preceding calendar year, together with his reason for granting each such exemption.

(Pub. L. 89-272, title II, §9007, as added Pub. L. 98-616, title VI, §601(a), Nov. 8, 1984, 98 Stat. 3286.)

§ 6991g. State authority

Nothing in this subchapter shall preclude or deny any right of any State or political subdivision thereof to adopt or enforce any regulation, requirement, or standard of performance respecting underground storage tanks that is more stringent than a regulation, requirement, or standard of performance in effect under this subchapter or to impose any additional liability with respect to the release of regulated substances within such State or political subdivision.

(Pub. L. 89-272, title II, §9008, as added Pub. L. 98-616, title VI, §601(a), Nov. 8, 1984, 98 Stat. 3286; amended Pub. L. 99-499, title II, §205(g), Oct. 17, 1986, 100 Stat. 1702.)

AMENDMENTS

1986—Pub. L. 99-499 amended section generally. Prior to amendment, section read as follows: “Nothing in this subchapter shall preclude or deny any right of any State or political subdivision thereof to adopt or enforce any regulation, requirement or standard of performance respecting underground storage tanks that is more stringent than a regulation, requirement, or standard of performance in effect under this subchapter.”

§ 6991h. Study of underground storage tanks**(a) Petroleum tanks**

Not later than twelve months after November 8, 1984, the Administrator shall complete a study of underground storage tanks used for the storage of regulated substances defined in section 6991(2)(B) of this title.

(b) Other tanks

Not later than thirty-six months after November 8, 1984, the Administrator shall complete a study of all other underground storage tanks.

(c) Elements of studies

The studies under subsections (a) and (b) of this section shall include an assessment of the ages, types (including methods of manufacture,

coatings, protection systems, the compatibility of the construction materials and the installation methods) and locations (including the climate of the locations) of such tanks; soil conditions, water tables, and the hydrogeology of tank locations; the relationship between the foregoing factors and the likelihood of releases from underground storage tanks; the effectiveness and costs of inventory systems, tank testing, and leak detection systems; and such other factors as the Administrator deems appropriate.

(d) Farm and heating oil tanks

Not later than thirty-six months after November 8, 1984, the Administrator shall conduct a study regarding the tanks referred to in section 6991(1)(A) and (B) of this title. Such study shall include estimates of the number and location of such tanks and an analysis of the extent to which there may be releases or threatened releases from such tanks into the environment.

(e) Reports

Upon completion of the studies authorized by this section, the Administrator shall submit reports to the President and to the Congress containing the results of the studies and recommendations respecting whether or not such tanks should be subject to the preceding provisions of this subchapter.

(f) Reimbursement

(1) If any owner or operator (excepting an agency, department, or instrumentality of the United States Government, a State or a political subdivision thereof) shall incur costs, including the loss of business opportunity, due to the closure or interruption of operation of an underground storage tank solely for the purpose of conducting studies authorized by this section, the Administrator shall provide such person fair and equitable reimbursement for such costs.

(2) All claims for reimbursement shall be filed with the Administrator not later than ninety days after the closure or interruption which gives rise to the claim.

(3) Reimbursements made under this section shall be from funds appropriated by the Congress pursuant to the authorization contained in section 6916(g)¹ of this title.

(4) For purposes of judicial review, a determination by the Administrator under this subsection shall be considered final agency action.

(Pub. L. 89-272, title II, §9009, as added Pub. L. 98-616, title VI, §601(a), Nov. 8, 1984, 98 Stat. 3287.)

REFERENCES IN TEXT

Section 6916(g) of this title, referred to in subsec. (f)(3), probably means section 6916(f) of this title which authorizes appropriations for this subchapter. There is no subsec. (g) of section 6916.

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6991d of this title.

§ 6991i. Authorization of appropriations

For authorization of appropriations to carry out this subchapter, see section 6916(g)¹ of this title.

¹ See References in Text note below.

¹ See References in Text note below.

(Pub. L. 89-272, title II, §9010, as added Pub. L. 98-616, title VI, §601(a), Nov. 8, 1984, 98 Stat. 3287.)

REFERENCES IN TEXT

Section 6916(g) of this title, referred to in text, probably means section 6916(f) of this title which authorizes appropriations for this subchapter. There is no subsec. (g) of section 6916.

SUBCHAPTER X—DEMONSTRATION MEDICAL WASTE TRACKING PROGRAM

§ 6992. Scope of demonstration program for medical waste

(a) Covered States

The States within the demonstration program established under this subchapter for tracking medical wastes shall be New York, New Jersey, Connecticut, the States contiguous to the Great Lakes and any State included in the program through the petition procedure described in subsection (c) of this section, except for any of such States in which the Governor notifies the Administrator under subsection (b) of this section that such State shall not be covered by the program.

(b) Opt out

(1) If the Governor of any State covered under subsection (a) of this section which is not contiguous to the Atlantic Ocean notifies the Administrator that such State elects not to participate in the demonstration program, the Administrator shall remove such State from the program.

(2) If the Governor of any other State covered under subsection (a) of this section notifies the Administrator that such State has implemented a medical waste tracking program that is no less stringent than the demonstration program under this subchapter and that such State elects not to participate in the demonstration program, the Administrator shall, if the Administrator determines that such State program is no less stringent than the demonstration program under this subchapter, remove such State from the demonstration program.

(3) Notifications under paragraphs (1) or (2) shall be submitted to the Administrator no later than 30 days after the promulgation of regulations implementing the demonstration program under this subchapter.

(c) Petition in

The Governor of any State may petition the Administrator to be included in the demonstration program and the Administrator may, in his discretion, include any such State. Such petition may not be made later than 30 days after promulgation of regulations establishing the demonstration program under this subchapter, and the Administrator shall determine whether to include the State within 30 days after receipt of the State's petition.

(d) Expiration of demonstration program

The demonstration program shall expire on the date 24 months after the effective date of the regulations under this subchapter.

(Pub. L. 89-272, title II, §11001, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2950.)

§ 6992a. Listing of medical wastes

(a) List

Not later than 6 months after November 1, 1988, the Administrator shall promulgate regulations listing the types of medical waste to be tracked under the demonstration program. Except as provided in subsection (b) of this section, such list shall include, but need not be limited to, each of the following types of solid waste:

(1) Cultures and stocks of infectious agents and associated biologicals, including cultures from medical and pathological laboratories, cultures and stocks of infectious agents from research and industrial laboratories, wastes from the production of biologicals, discarded live and attenuated vaccines, and culture dishes and devices used to transfer, inoculate, and mix cultures.

(2) Pathological wastes, including tissues, organs, and body parts that are removed during surgery or autopsy.

(3) Waste human blood and products of blood, including serum, plasma, and other blood components.

(4) Sharps that have been used in patient care or in medical, research, or industrial laboratories, including hypodermic needles, syringes, pasteur pipettes, broken glass, and scalpel blades.

(5) Contaminated animal carcasses, body parts, and bedding of animals that were exposed to infectious agents during research, production of biologicals, or testing of pharmaceuticals.

(6) Wastes from surgery or autopsy that were in contact with infectious agents, including soiled dressings, sponges, drapes, lavage tubes, drainage sets, underpads, and surgical gloves.

(7) Laboratory wastes from medical, pathological, pharmaceutical, or other research, commercial, or industrial laboratories that were in contact with infectious agents, including slides and cover slips, disposable gloves, laboratory coats, and aprons.

(8) Dialysis wastes that were in contact with the blood of patients undergoing hemodialysis, including contaminated disposable equipment and supplies such as tubing, filters, disposable sheets, towels, gloves, aprons, and laboratory coats.

(9) Discarded medical equipment and parts that were in contact with infectious agents.

(10) Biological waste and discarded materials contaminated with blood, excretion, exudates¹ or secretion from human beings or animals who are isolated to protect others from communicable diseases.

(11) Such other waste material that results from the administration of medical care to a patient by a health care provider and is found by the Administrator to pose a threat to human health or the environment.

(b) Exclusions from list

The Administrator may exclude from the list under this section any categories or items described in paragraphs (6) through (10) of subsection (a) of this section which he determines

¹ So in original. Probably should be "exudates".

do not pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, disposed of, or otherwise managed.

(Pub. L. 89-272, title II, §11002, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2951.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6992b, 6992i of this title.

§ 6992b. Tracking of medical waste

(a) Demonstration program

Not later than 6 months after November 1, 1988, the Administrator shall promulgate regulations establishing a program for the tracking of the medical waste listed in section 6992a of this title which is generated in a State subject to the demonstration program. The program shall (1) provide for tracking of the transportation of the waste from the generator to the disposal facility, except that waste that is incinerated need not be tracked after incineration, (2) include a system for providing the generator of the waste with assurance that the waste is received by the disposal facility, (3) use a uniform form for tracking in each of the demonstration States, and (4) include the following requirements:

(A) A requirement for segregation of the waste at the point of generation where practicable.

(B) A requirement for placement of the waste in containers that will protect waste handlers and the public from exposure.

(C) A requirement for appropriate labeling of containers of the waste.

(b) Small quantities

In the program under subsection (a) of this section, the Administrator may establish an exemption for generators of small quantities of medical waste listed under section 6992a of this title, except that the Administrator may not exempt from the program any person who, or facility that, generates 50 pounds or more of such waste in any calendar month.

(c) On-site incinerators

Concurrently with the promulgation of regulations under subsection (a) of this section, the Administrator shall promulgate a recordkeeping and reporting requirement for any generator in a demonstration State of medical waste listed in section 6992a of this title that (1) incinerates medical waste listed in section 6992a of this title on site and (2) does not track such waste under the regulations promulgated under subsection (a) of this section. Such requirement shall require the generator to report to the Administrator on the volume and types of medical waste listed in section 6992a of this title that the generator incinerated on site during the 6 months following the effective date of the requirements of this subsection.

(d) Type of medical waste and types of generators

For each of the requirements of this section, the regulations may vary for different types of medical waste and for different types of medical waste generators.

(Pub. L. 89-272, title II, §11003, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2952.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 6992c, 6992f of this title.

§ 6992c. Inspections

(a) Requirements for access

For purposes of developing or assisting in the development of any regulation or report under this subchapter or enforcing any provision of this subchapter, any person who generates, stores, treats, transports, disposes of, or otherwise handles or has handled medical waste shall, upon request of any officer, employee, or representative of the Environmental Protection Agency duly designated by the Administrator, furnish information relating to such waste, including any tracking forms required to be maintained under section 6992b of this title, conduct monitoring or testing, and permit such person at all reasonable times to have access to, and to copy, all records relating to such waste. For such purposes, such officers, employees, or representatives are authorized to—

(1) enter at reasonable times any establishment or other place where medical wastes are or have been generated, stored, treated, disposed of, or transported from;

(2) conduct monitoring or testing; and

(3) inspect and obtain samples from any person of any such wastes and samples of any containers or labeling for such wastes.

(b) Procedures

Each inspection under this section shall be commenced and completed with reasonable promptness. If the officer, employee, or representative obtains any samples, prior to leaving the premises he shall give to the owner, operator, or agent in charge a receipt describing the sample obtained and, if requested, a portion of each such sample equal in volume or weight to the portion retained if giving such an equal portion is feasible. If any analysis is made of such samples, a copy of the results of such analysis shall be furnished promptly to the owner, operator, or agent in charge of the premises concerned.

(c) Availability to public

The provisions of section 6927(b) of this title shall apply to records, reports, and information obtained under this section in the same manner and to the same extent as such provisions apply to records, reports, and information obtained under section 6927 of this title.

(Pub. L. 89-272, title II, §11004, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2952.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6992f of this title.

§ 6992d. Enforcement

(a) Compliance orders

(1) Violations

Whenever on the basis of any information the Administrator determines that any person

has violated, or is in violation of, any requirement or prohibition in effect under this subchapter (including any requirement or prohibition in effect under regulations under this subchapter) (A) the Administrator may issue an order (i) assessing a civil penalty for any past or current violation, (ii) requiring compliance immediately or within a specified time period, or (iii) both, or (B) the Administrator may commence a civil action in the United States district court in the district in which the violation occurred for appropriate relief, including a temporary or permanent injunction. Any order issued pursuant to this subsection shall state with reasonable specificity the nature of the violation.

(2) Orders assessing penalties

Any penalty assessed in an order under this subsection shall not exceed \$25,000 per day of noncompliance for each violation of a requirement or prohibition in effect under this subchapter. In assessing such a penalty, the Administrator shall take into account the seriousness of the violation and any good faith efforts to comply with applicable requirements.

(3) Public hearing

Any order issued under this subsection shall become final unless, not later than 30 days after issuance of the order, the persons named therein request a public hearing. Upon such request, the Administrator shall promptly conduct a public hearing. In connection with any proceeding under this section, the Administrator may issue subpoenas for the production of relevant papers, books, and documents, and may promulgate rules for discovery procedures.

(4) Violation of compliance orders

In the case of an order under this subsection requiring compliance with any requirement of or regulation under this subchapter, if a violator fails to take corrective action within the time specified in an order, the Administrator may assess a civil penalty of not more than \$25,000 for each day of continued noncompliance with the order.

(b) Criminal penalties

Any person who—

(1) knowingly violates the requirements of or regulations under this subchapter;

(2) knowingly omits material information or makes any false material statement or representation in any label, record, report, or other document filed, maintained, or used for purposes of compliance with this subchapter or regulations thereunder; or

(3) knowingly generates, stores, treats, transports, disposes of, or otherwise handles any medical waste (whether such activity took place before or takes place after November 1, 1988) and who knowingly destroys, alters, conceals, or fails to file any record, report, or other document required to be maintained or filed for purposes of compliance with this subchapter or regulations thereunder

shall, upon conviction, be subject to a fine of not more than \$50,000 for each day of violation, or imprisonment not to exceed 2 years (5 years

in the case of a violation of paragraph (1)). If the conviction is for a violation committed after a first conviction of such person under this paragraph, the maximum punishment under the respective paragraph shall be doubled with respect to both fine and imprisonment.

(c) Knowing endangerment

Any person who knowingly violates any provision of subsection (b) of this section who knows at that time that he thereby places another person in imminent danger of death or serious bodily injury, shall upon conviction be subject to a fine of not more than \$250,000 or imprisonment for not more than 15 years, or both. A defendant that is an organization shall, upon conviction under this subsection, be subject to a fine of not more than \$1,000,000. The terms of this paragraph shall be interpreted in accordance with the rules provided under section 6928(f) of this title.

(d) Civil penalties

Any person who violates any requirement of or regulation under this subchapter shall be liable to the United States for a civil penalty in an amount not to exceed \$25,000 for each such violation. Each day of such violation shall, for purposes of this section, constitute a separate violation.

(e) Civil penalty policy

Civil penalties assessed by the United States or by the States under this subchapter shall be assessed in accordance with the Administrator's "RCRA Civil Penalty Policy", as such policy may be amended from time to time.

(Pub. L. 89-272, title II, §11005, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2953.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6992f of this title.

§ 6992e. Federal facilities

(a) In general

Each department, agency, and instrumentality of the executive, legislative, and judicial branches of the Federal Government in a demonstration State (1) having jurisdiction over any solid waste management facility or disposal site at which medical waste is disposed of or otherwise handled, or (2) engaged in any activity resulting, or which may result, in the disposal, management, or handling of medical waste shall be subject to, and comply with, all Federal, State, interstate, and local requirements, both substantive and procedural (including any requirement for permits or reporting or any provisions for injunctive relief and such sanctions as may be imposed by a court to enforce such relief), respecting control and abatement of medical waste disposal and management in the same manner, and to the same extent, as any person is subject to such requirements, including the payment of reasonable service charges. The Federal, State, interstate, and local substantive and procedural requirements referred to in this subsection include, but are not limited to, all administrative orders, civil, criminal, and administrative penalties, and other sanctions, includ-

ing injunctive relief, fines, and imprisonment. Neither the United States, nor any agent, employee, or officer thereof, shall be immune or exempt from any process or sanction of any State or Federal court with respect to the enforcement of any such order, penalty, or other sanction. For purposes of enforcing any such substantive or procedural requirement (including, but not limited to, any injunctive relief, administrative order, or civil, criminal, administrative penalty, or other sanction), against any such department, agency, or instrumentality, the United States hereby expressly waives any immunity otherwise applicable to the United States. The President may exempt any department, agency, or instrumentality in the executive branch from compliance with such a requirement if he determines it to be in the paramount interest of the United States to do so. No such exemption shall be granted due to lack of appropriation unless the President shall have specifically requested such appropriation as a part of the budgetary process and the Congress shall have failed to make available such requested appropriation. Any exemption shall be for a period not in excess of one year, but additional exemptions may be granted for periods not to exceed one year upon the President's making a new determination. The President shall report each January to the Congress all exemptions from the requirements of this section granted during the preceding calendar year, together with his reason for granting each such exemption.

(b) "Person" defined

For purposes of this chapter, the term "person" shall be treated as including each department, agency, and instrumentality of the United States.

(Pub. L. 89-272, title II, §11006, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2954.)

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 6992g of this title.

§ 6992f. Relationship to State law

(a) State inspections and enforcement

A State may conduct inspections under¹ 6992c of this title and take enforcement actions under section 6992d of this title against any person, including any person who has imported medical waste into a State in violation of the requirements of, or regulations under, this subchapter, to the same extent as the Administrator. At the time a State initiates an enforcement action under section 6992d of this title against any person, the State shall notify the Administrator in writing.

(b) Retention of State authority

Nothing in this subchapter shall—

- (1) preempt any State or local law; or
- (2) except as provided in subsection (c) of this section, otherwise affect any State or local law or the authority of any State or local government to adopt or enforce any State or local law.

(c) State forms

Any State or local law which requires submission of a tracking form from any person subject to this subchapter shall require that the form be identical in content and format to the form required under section 6992b of this title, except that a State may require the submission of other tracking information which is supplemental to the information required on the form required under section 6992b of this title through additional sheets or such other means as the State deems appropriate.

(Pub. L. 89-272, title II, §11007, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2955.)

§ 6992g. Report to Congress

(a) Final report

Not later than 3 months after the expiration of the demonstration program, the Administrator shall report to Congress on the following topics:

(1) The types, number, and size of generators of medical waste (including small quantity generators) in the United States, the types and amounts of medical waste generated, and the on-site and off-site methods currently used to handle, store, transport, treat, and dispose of the medical waste, including the extent to which such waste is disposed of in sewer systems.

(2) The present or potential threat to human health and the environment posed by medical waste or the incineration thereof.

(3) The present and potential costs (A) to local economies, persons, and the environment from the improper handling, storage, transportation, treatment or disposal of medical waste and (B) to generators, transporters, and treatment, storage, and disposal facilities from regulations establishing requirements for tracking, handling, storage, transportation, treatment, and disposal of medical waste.

(4)(A) The success of the demonstration program established under this subchapter in tracking medical waste,

(B) changes in incineration and storage practices attributable to the demonstration program, and

(C) other available and potentially available methods for tracking medical waste and their advantages and disadvantages, including the advantages and disadvantages of extending tracking requirements to (i) rural areas and (ii) small quantity generators.

(5) Available and potentially available methods for handling, storing, transporting, and disposing of medical waste and their advantages and disadvantages.

(6) Available and potentially available methods for treating medical waste, including the methods of incineration, sterilization, chemical treatment, and grinding, and their advantages, including their ability to render medical waste noninfectious or less infectious, and unrecognizable and otherwise protect human health and the environment, and disadvantages.

(7) Factors affecting the effectiveness of the treatment methods identified in subsection (a)(5) of this section, including quality control and quality assurance procedures, maintenance procedures, and operator training.

¹ So in original. Probably should be "under section".

(8) Existing State and local controls on the handling, storage, transportation, treatment, and disposal of medical waste, including the enforcement and regulatory supervision thereof.

(9) The appropriateness of using any existing State requirements or the requirements contained in subchapter III of this chapter as nationwide requirements to monitor and control medical waste.

(10) The appropriateness of the penalties provided in section 6992e of this title for insuring compliance with the requirements of this subchapter, including a review of the level of penalties imposed under this subchapter.

(11)(A) The effect of excluding households and small quantity generators from any regulations governing the handling, storage, transportation, treatment, and disposal of medical waste, and

(B) potential guidelines for the handling, storage, treatment, and disposal of medical waste by households and small quantity generators.

(12) Available and potentially available methods for the reuse or reduction of the volume of medical waste generated.

(b) Interim reports

The Administrator shall submit two interim reports to Congress on the topics listed in subsection (a) of this section. The interim reports shall contain the information on the topics available to the Administrator at the time of submission. One interim report shall be due 9 months after November 1, 1988, and one shall be due 12 months after the effective date of regulations under this subchapter.

(c) Consultation

In preparing the reports under this section, the Administrator shall consult with appropriate State and local agencies.

(Pub. L. 89-272, title II, §11008, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2956.)

§ 6992h. Health impacts report

Within 24 months after November 1, 1988, the Administrator of the Agency for Toxic Substances and Disease Registry shall prepare for Congress a report on the health effects of medical waste, including each of the following—

(1) A description of the potential for infection or injury from the segregation, handling, storage, treatment, or disposal of medical wastes.

(2) An estimate of the number of people injured or infected annually by sharps, and the nature and seriousness of those injuries or infections.

(3) An estimate of the number of people infected annually by other means related to waste segregation, handling, storage, treatment, or disposal, and the nature and seriousness of those infections.

(4) For diseases possibly spread by medical waste, including Acquired Immune Deficiency Syndrome and hepatitis B, an estimate of what percentage of the total number of cases nationally may be traceable to medical wastes.

(Pub. L. 89-272, title II, §11009, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2957.)

§ 6992i. General provisions

(a) Consultation

(1) In promulgating regulations under this subchapter, the Administrator shall consult with the affected States and may consult with other interested parties.

(2) The Administrator shall also consult with the International Joint Commission to determine how to monitor the disposal of medical waste emanating from Canada.

(b) Public comment

In the case of the regulations required by this subchapter to be promulgated within 9 months after November 1, 1988, the Administrator may promulgate such regulations in interim final form without prior opportunity for public comment, but the Administrator shall provide an opportunity for public comment on the interim final rule. The promulgation of such regulations shall not be subject to the Paperwork Reduction Act of 1980.¹

(c) Relationship to subchapter III

Nothing in this subchapter shall affect the authority of the Administrator to regulate medical waste, including medical waste listed under section 6992a of this title, under subchapter III of this chapter.

(Pub. L. 89-272, title II, §11010, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2957.)

REFERENCES IN TEXT

The Paperwork Reduction Act of 1980, referred to in subsec. (b), is Pub. L. 96-511, Dec. 11, 1980, 94 Stat. 2812, as amended, which was classified principally to chapter 35 (§3501 et seq.) of Title 44, Public Printing and Documents, prior to the general amendment of that chapter by Pub. L. 104-13, §2, May 22, 1995, 109 Stat. 163. For complete classification of this Act to the Code, see Short Title of 1980 Amendment note set out under section 101 of Title 44 and Tables.

§ 6992j. Effective date

The regulations promulgated under this subchapter shall take effect within 90 days after promulgation, except that, at the time of promulgation, the Administrator may provide for a shorter period prior to the effective date if he finds the regulated community does not need 90 days to come into compliance.

(Pub. L. 89-272, title II, §11011, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2958.)

§ 6992k. Authorization of appropriations

There are authorized to be appropriated to the Administrator such sums as may be necessary for each of the fiscal years 1989 through 1991 for purposes of carrying out activities under this subchapter.

(Pub. L. 89-272, title II, §11012, as added Pub. L. 100-582, §2(a), Nov. 1, 1988, 102 Stat. 2958.)

¹ See References in Text note below.

CHAPTER 83—ENERGY EXTENSION SERVICE**§§ 7001 to 7011. Repealed. Pub. L. 102-486, title I, § 143(a), Oct. 24, 1992, 106 Stat. 2843**

Section 7001, Pub. L. 95-39, title V, § 502, June 3, 1977, 91 Stat. 191, related to congressional declaration and statement of purposes.

Section 7002, Pub. L. 95-39, title V, § 503, June 3, 1977, 91 Stat. 192, provided for establishment of Energy Extension Service.

Section 7003, Pub. L. 95-39, title V, § 504, June 3, 1977, 91 Stat. 192, provided for development and implementation of comprehensive program.

Section 7004, Pub. L. 95-39, title V, § 505, June 3, 1977, 91 Stat. 193, provided for initial implementation of State energy extension service plans.

Section 7005, Pub. L. 95-39, title V, § 506, June 3, 1977, 91 Stat. 195, provided for national implementation of State energy extension service plans.

Section 7006, Pub. L. 95-39, title V, § 507, June 3, 1977, 91 Stat. 198, related to administration of Energy Extension Service.

Section 7007, Pub. L. 95-39, title V, § 508, June 3, 1977, 91 Stat. 199, related to energy education, extension, and information.

Section 7008, Pub. L. 95-39, title V, § 509, June 3, 1977, 91 Stat. 199, provided for establishment of National Energy Extension Service Advisory Board.

Section 7009, Pub. L. 95-39, title V, § 511, June 3, 1977, 91 Stat. 201, related to records.

Section 7010, Pub. L. 95-39, title V, § 512, June 3, 1977, 91 Stat. 201, related to authorization of appropriations.

Section 7011, Pub. L. 95-39, title V, § 513, June 3, 1977, 91 Stat. 202, set out definitions.

SHORT TITLE

Section 501 of title V of Pub. L. 95-39, which provided that this title, which enacted this chapter and amended sections 5813 and 5818 of this title, could be cited as the “National Energy Extension Service Act”, was repealed by Pub. L. 102-486, title I, § 143(a), Oct. 24, 1992, 106 Stat. 2843.

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